

19981103.qrp v01_n265.qrs.981103

Date: Tue, 3 Nov 1998 19:09:11 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1265

QRP-L Digest 1265

Topics covered in this issue include:

- 1) [23910] Re: arrl ss
by "K10J" <k1oj@swbell.net>
- 2) [23911] QRP-L POLICY
by Dick Schneider <rschneid@ix.netcom.com>
- 3) [23912] Dave Joseph WA6BOY (Pixie guy)
by wb8ygg@juno.com
- 4) [23913] Tixie from FAR
by wb8ygg@juno.com
- 5) [23914] Mocoma 59 S Kyocera Corp.
by Lars Olsson <sm3avq@ebox.tninet.se>
- 6) [23915] RE: QRP-L POLICY
by "Larsen, Jim" <JLarsen@alascom.att.com>
- 7) [23916] Beware MCM Electronics 13.5 volt DC power supply!
by "Len W. Tough" <LEN@infinet.com>
- 8) [23917] Data Book???
- by "David Williams" <dwillims@iso.net>
- 9) [23918] Spartan Sprint tonight!
by gsurrency@juno.com (Gary L Surrency)
- 10) [23919] 4.194 mHz crystals
by Tim Ahrens <tahrens@inetport.com>
- 11) [23920] keyboard keyer
by "WILLIAM T. ROSE" <supertec@mail.myriad.net>
- 12) [23921] W9GR DSP-III
by Bruce Rattray <rattray@gpfn.sk.ca>
- 13) [23922] FS: Ten Tec 509/ 208 CW Filter
by "Tim Cook" <timcook@erinet.com>
- 14) [23923] Zombie Shuffle
by "Dan Wolfe" <n4roa@mounet.com>
- 15) [23924] RE: QRP-L POLICY
by "Caitlyn M. Martin" <cait.martin@ibm.net>
- 16) [23925] Thanks!
by "Mabel and Don Adams" <adamsdm@lewiston.com>
- 17) [23926] Argo 515 sold
by "Charles L. Stackhouse" <cstack@safelink.net>
- 18) [23927] Re: Accurate QRP pwr
by Don Wilhelm <w3fpr@mindspring.com>
- 19) [23928] Re: QRP-L POLICY

by Dick Schneider <rschneid@ix.netcom.com>
20) [23929] How Do I ?
by ke6zx@juno.com (Fred J Kalt)
21) [23930] Re: amateur radio
by Monte Stark <ku7y@dri.edu>
22) [23931] RE: Huge fireball over south Texas
by Dave Fifield <fifield@pacbell.net>
23) [23932] N/T+ Pre-fox extravaganza
by KC5TJA <kc5tja@topaz.axisinternet.com>
24) [23933] Thanks for Scotchkote sub info
by Blackpug1@aol.com
25) [23934] Samlex P/S Mods by W1HUE
by Chuck Adams <adams@ticnet.com>
26) [23935]
by adams@ticnet.com
27) [23936] ScQRPion Antler
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
28) [23937] RE: Zombie Shuffle: Event report
by "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>
29) [23938] Omni V, weird problem
by Scott Howell <whowell@hq.nasa.gov>
30) [23939] Dear FOX for 11-20-98
by Wayne Alexander <walexan@ipa.net>
31) [23940] RE:Dear FOX @??????
by Wayne Alexander <walexan@ipa.net>
32) [23941] sweepstakes
by Scott Howell <whowell@hq.nasa.gov>
33) [23942] tone generator
by Scott Howell <whowell@hq.nasa.gov>
34) [23943] Re: sweepstakes
by Bob Patten <n4bp@bc.seflin.org>
35) [23944] Proposed Change in FD Rules
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
36) [23945] SSB QRP
by Chuck Leskie <cleskie@um-f1.umd.umich.edu>
37) [23946] AR QRP monday 80M net report
by Jim <kj5tf@madisoncounty.net>
38) [23947] Zombie score
by DNT1@chrysler.com
39) [23948] Re: Accurate QRP pwr
by crc <crc@io.com>
40) [23949] Re: Accurate QRP pwr
by "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
41) [23950] FS: Oak Hills OHR400 kit
by "Michael St. Angelo" <mstangelo@worldnet.att.net>
42) [23951] Te Ne Ke for sale
by Scott Howell <whowell@hq.nasa.gov>
43) [23952] CALLING all N/T+ FOXes

by "Wilford D. Lindsey" <70511.3041@compuserve.com>
44) [23953] N/T+ Rules Re-Post
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
45) [23954] RE: Thanks for Scotchkote sub info
by "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
46) [23955] Carolina's November 14th QRP-Fest
by DLShips@aol.com
47) [23956] Re: sweepstakes
by Roger Hightower <n7kt@earthlink.net>
48) [23957] Re: Accurate QRP pwr
by crc <crc@io.com>
49) [23958] RE: Huge fireball over south Texas
by Kevin Muenzler WB5RUE <wb5rue@stic.net>
50) [23959] Re: keyboard keyer
by S0NNY1H@aol.com
51) [23960] Re:terminating Tayloe mixer
by Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
52) [23961] Dumb question # 43,294,163
by "Frank Grigaliunas" <fgrig@iea.com>
53) [23962] Re: Dear FOX for 11-20-98
by KC5TJA <kc5tja@topaz.axisinternet.com>
54) [23963] Re: Zombie Shuffle
by Bruce Rattray <rattray@gpfn.sk.ca>
55) [23964] Re: Dumb question # 43,294,163
by Elekktron1@aol.com
56) [23965] Re: 3m Scotchloate substitute
by af852@rgfn.epcc.edu (William R Colbert)
57) [23966] OHR-500 Operating Update
by SABorns@aol.com
58) [23967] Re: Sweeps Stakes From K0FRP
by "Ed Hare, W1RFI" <ehare@arrl.org>
59) [23968] RE: Sealing Antenna Connections
by Larry East <w1hue@amsat.org>
60) [23969] Re: sweepstakes
by "Ed Hare, W1RFI" <ehare@arrl.org>
61) [23970] RE: Samlex P/S Mods by W1HUE
by Larry East <w1hue@amsat.org>
62) [23971] Re: Omni V, weird problem/Spartan Sprint.
by we6w@juno.com (Ed Loranger)
63) [23972] Antenna Help
by Brad Mugleston <bmug@gwl.com>
64) [23973] Re: SSB QRP
by "Kevin F. Glynn" <kfglynn@prodigy.net>
65) [23974] New Power Supplies and Components
by Sam Billingsley <SBillingsley@usaninc.com>
66) [23975] Re: Dumb question # 43,294,163
by "Frank Grigaliunas" <fgrig@iea.com>
67) [23976] Small world

- by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 68) [23977] Re: amateur radio
by Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
- 69) [23978] A-1 op is ???
by alan dawkins <alk0frp@earthlink.net>
- 70) [23979] Re: Dumb question # 43,294,163
by "Ron Smith" <resmith666@uswest.net>
- 71) [23980] Re:terminating Tayloe mixer
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 72) [23981] Re: Antenna Help
by "George T. Baker" <w5yr@swbell.net>
- 73) [23982] Resonant Speaker project and Patents.
by we6w@juno.com (Ed Loranger)
- 74) [23983] Re: amateur radio
by "KE6VHM Frank" <ke6vhm@earthlink.net>
- 75) [23984] BAZOOKA QUESTIONS
by ARDUJENSKI@aol.com
- 76) [23985] No subject line posting
by Chuck Adams <adams@ticnet.com>
- 77) [23986] Double Bazooka
by "KEITH P. JOHNSON" <KeithJ@1800surveys.com>
- 78) [23987] SS QRPers
by Chuck Adams <adams@ticnet.com>
- 79) [23988] Re: N/T+ fox query
by "Paul R. Valko" <prvalko@oakland.edu>
- 80) [23989] FOX: Notice for Thursday 11/5
by "Marshall Emm" <mgemm@mtechnologies.com>
- 81) [23990] ARRL Sections
by Chuck Adams <adams@ticnet.com>
- 82) [23991] QRP MILES PER PEDAL POWER Award
by Sam Billingsley <SBillingsley@usaninc.com>
- 83) [23992] FS: QRP etc
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
- 84) [23993] Re: Beware MCM Electronics 13.5 volt DC power supply!
by Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
- 85) [23994] Te Ne Ke
by Scott Howell <showell@hq.nasa.gov>
- 86) [23995] Antennas and such
by notajock@juno.com
- 87) [23996] Simple Dupesheet for ARRS SS
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 88) [23997] Re: QRP MILES PER PEDAL POWER Award
by applitech@mcg.net (Claton Cadmus)
- 89) [23998] Re: BAZOOKA QUESTIONS
by Ed Tanton <n4xy@att.net>
- 90) [23999] Re: Simple Dupesheet for ARRS SS
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 91) [24000] ET-QRP Meeting

- by "Jim Fielden" <fielden@utkx.utcc.utk.edu>
- 92) [24001] Sweepstakes Rules, Logsheets, and Entry Forms
by W5TB <w5tb@SoftHome.net>
- 93) [24002] Re: SS QRPers
by "Ed Hare, W1RFI" <ehare@arrl.org>
- 94) [24003] Re: BAZOOKA QUESTIONS
by Vic Rosenthal <rakefet@rakefet.com>
- 95) [24004] First REAL DX while QRP/M
by =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@rocketmail.com>
- 96) [24005] Re: Dumb question # 43,294,163
by Bill Schiller <schiller@cherokee.nsuok.edu>
- 97) [24006] Bay Area dinner with Ken Evans W4DU
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 98) [24007] Re: Dumb question # 43,294,163
by Elekktron1@aol.com
- 99) [24008] Pacificon Compendium and Pictures
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 100) [24009] Avil for QSO 28.060?
by "Bill Todd" <bill@willapabay.org>
- 101) [24010] Confession of a copier
by Grant Taylor <k7gt@qsl.net>
- 102) [24011] FS QRP Stuff: HW-9, NorCal Paddle, Freq. Ctr., etc.
by "walter.b.thomas.1@pop300.gsfc.nasa.gov" <wthomas@pop300.gsfc.nasa.gov>
- 103) [24012] QSL Info....Re: First REAL DX while QRP/M
by W9SUL <pugrad@millcomm.com>
- 104) [24013] Dumb Questions
by Bruce Muscolino <w6toy@erols.com>
- 105) [24014] Re: Dumb Questions
by ac5ez@webtv.net (Larry B)
- 106) [24015] Re: Dumb Questions
by Grant Taylor <k7gt@qsl.net>
- 107) [24016] swamped in florida
by Ed Johanson <snooker@naples.net>
- 108) [24017] Re: Dumb Questions
by mwattcpa@earthlink.net (Marty Watt)
- 109) [24018] Fox Clarifications for Thursday
by "Marshall Emm" <mgemm@mtechnologies.com>
- 110) [24019] Re: Dumb question # 43,294,163
by Terry Conboy <terry.conboy@airtouch.com>
- 111) [24020] Another N/T+ Fox Loose
by Zenith9zn@aol.com
- 112) [24021] Re: Dumb Questions
by wa4dou@mailexcite.com
- 113) [24022] SL-600 series ssb xcvr?
by James Skalski <jskalski@buffnet.net>
-

Date: Mon, 2 Nov 1998 18:10:53 -0600
From: "K10J" <k10j@swbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [23910] Re: arrl ss
Message-ID: <008601be06be\$6cd67720\$c40ac1cf@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

ARRL November Sweepstakes starts Saturday, November 7 at 2100z. Thats 3pm Saturday afternoon central time. It ends 30 hours later at 0300z. Thats Sunday, November 8 at 9pm central time.

See you in the 'test'

OJ---K10J

. .

Date: Mon, 02 Nov 1998 17:08:18 -0700
From: Dick Schneider <rschneid@ix.netcom.com>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [23911] QRP-L POLICY
Message-ID: <363E4972.6DE2454D@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Perhaps it's just me. If it is, I'll shaddup and go back to work.

Has there been past discussions regarding "NOT QRP" messages posted on qrp-1?

Usually these have to do with computer junkie and there are, at last count, 745,000 OTHER computer-related reflectors, deflectors, inflectors and just plain ole flectors, all of which are NOT QRP.

I would like to see no more NOT QRP postings. Period. But if no one else cares, that's fine too. After all I am a liberal and we are not supposed to have any standar---oops, that was ALMOST NOT QRP. SRI.

Yes, I have adjusted my filter to get rid of the NOT QRP junkie, but I would recommend not posting it at all since, by definition, it's NOT QRP and should be somewhere's else.

If you all love discussions about how email works, or how to buff your hard drive, so be it, but QRP-L has done a pretty good job of staying on point. So I have no real complaints. This one's more of a nit.

It's nothing like the Collins reflector, which has been shut down, restarted and now fistfights are breaking out again.

ttttthat's all folks!

72 Dick AB0CD..

Date: Mon, 2 Nov 1998 19:23:02 -0500
From: wb8ygg@juno.com
To: qrp-l@lehigh.edu
Subject: [23912] Dave Joseph WA6BOY (Pixie guy)
Message-ID: <19981102.192710.23574.0.wb8ygg@juno.com>

Hi all, I am looking for Dave's e-mail.
Anybody have it?
73

"One of the TICK Guys"
Brad WB8YGG
<http://www.frontiernet.net/~embres>
embres@frontiernet.net

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Date: Mon, 2 Nov 1998 19:27:09 -0500
From: wb8ygg@juno.com
To: qrp-l@lehigh.edu
Cc: farcir@ais.newt
Subject: [23913] Tixie from FAR
Message-ID: <19981102.192710.23574.1.wb8ygg@juno.com>

Hello all,
Soon, the Tixie board will become available only from Far Circuits.
Embedded Research's supply is running out, and FAR will be exclusively

selling the board.
Of course you can still get the TiCK chips from us.. :-)

73 all.

"One of the TICK Guys"
Brad WB8YGG
<http://www.frontiernet.net/~embres>
embres@frontiernet.net

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 02 Nov 1998 00:59:01 +0100
From: Lars Olsson <sm3avq@ebox.tninet.se>
To: qrp-l@Lehigh.EDU
Subject: [23914] Mocomma 59 S Kyocera Corp.
Message-ID: <363CF5C5.5A70@ebox.tninet.se>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello QRPers,
Can anyone tell me what this is. Mocomma 59 S looks like an CB rig.
Perhaps I could use it on 28MHz?
73 de Lars / SM3AVQ

Date: Mon, 2 Nov 1998 15:47:38 -0900
From: "Larsen, Jim" <JLarsen@alascom.att.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [23915] RE: QRP-L POLICY
Message-ID: <291F3DB584F5D1119BAF006008CE719E919197@ALASCOMEXC1>
MIME-Version: 1.0
Content-Type: text/plain

Hi Dick,

You finally got me to post on one of these threads that will probably
get killed in just a day or two. But I think this is important. It is,

to me, a part of our culture on QRP-L as I see it. (Note: "as I see it".)

I think of the QRP-L group as containing some of my best friends in or out of ham radio. If I have a question, as long as it is even remotely associated with my ham radio hobby, who better to ask than my friends? Yes, this can be carried too far. Yes, occasionally someone is way off base. But I turn first to my friends and then to the rest of the world; the rest of the world containing mail lists that I know nothing about, don't know how to find and have not one whit of rapport with the people on those lists.

I will stick with my friends and take my chances. I trust my faith in my friends will not be lost.

Thanks,

73, Jim, AL7FS
Anchorage, Alaska

> -----Original Message-----

> From: Dick Schneider [SMTP:rschneid@ix.netcom.com]

> Sent: Monday, November 02, 1998 3:08 PM

> To: Low Power Amateur Radio Discussion

> Subject: QRP-L POLICY

>

> Has there been past discussions regarding "NOT QRP" messages posted on
> qrp-l?

>

 ** have adjusted my filter to get rid of the NOT QRP junk,

 [Larsen, Jim] I think this is a good approach.

> 72 Dick AB0CD..

>

Date: Mon, 2 Nov 98 21:17:37 -0000

From: "Len W. Tough" <LEN@infinet.com>

To: <qrp-l@lehigh.edu>

Subject: [23916] Beware MCM Electronics 13.5 volt DC power supply!

Message-ID: <199811030112.UAA19060@mail1.infinet.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Ops:

I just blew a tick keyer on one of my rigs (may have done more damage! I am not through with the diagnostics) by hooking up a recently delivered MCM Electronics 13.5 volt power supply.

After the smoke cleared, I checked voltage. 19.8 volts!!!!

No wonder they are on sale for \$3.99. I had thought it would be a GREAT QRPp power supply.
NOT!

I ordered 2 supplies at that price. Both produce 19.8 volts and are CLEARLY marked 13.5 VDC.

Just an FYI to save you a keyer - OR WORSE!

73

Len W8VQ len@infinet.com W8VQ@keymail.com

W8VQ - Columbus, Ohio - All Digital, All the Time
Fists # 2134 CQrp # 2 ARCI # 9025

Date: Mon, 2 Nov 1998 19:13:34 -0600
From: "David Williams" <dwillims@iso.net>
To: "low power discussion" <qrp-l@lehigh.edu>
Subject: [23917] Data Book???
Message-ID: <002901be06c7\$2eae8380\$4eff9ad0@dwillims>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Where, can I purchase "The Electronic Data Book for Homebrewers and Qrpers" for the Elmer 200 class? Thanks.

David Williams KI5G

dwillims@iso.net

QRP-L # 934

Norcal Zombie # 113

AR QRP # 99

Fireball # 58

Date: Mon, 2 Nov 1998 18:26:18 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-1@lehigh.edu
Subject: [23918] Spartan Sprint tonight!
Message-ID: <19981102.182618.11174.0.gsurrency@juno.com>

Gang,

Just listened to 40m, and it sounds like it is pretty good tonight. Not at all like last Friday, during the Zombie thingy. Nice and quiet, with little QRN and QSB so far.

So turn on those rigs, turn off the computer, and have a couple of hours of fun. I'll be on during most of the two hours, with a short intermission for dinner.

72, and gl.

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 02 Nov 1998 19:53:42 -0600
From: Tim Ahrens <tahrens@inetport.com>
To: qrp-1@lehigh.edu
Subject: [23919] 4.194 mHz crystals
Message-ID: <363E6226.D18A36B6@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

They are all gone. To all who responded, they are packaged and should go to the P.O tomorrow.

Tim W5FN

Date: Mon, 02 Nov 1998 21:16:59 -0600
From: "WILLIAM T. ROSE" <supertec@mail.myriad.net>

To: qrp-1@lehigh.edu
Subject: [23920] keyboard keyer
Message-ID: <363E75AB.451DE385@mail.myriad.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Who ever had the message about making keyers out of computer
keybds and if anyone was interesting.... I am interested please
email .

KC5SCC@hotmail.com

or

supertec@myriad.net

thanks

Date: Mon, 2 Nov 1998 20:31:34 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-1@LeHigh.EDU>
Subject: [23921] W9GR DSP-III
Message-ID: <Pine.LNX.3.95.981102202908.27501C-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I wonder if someone "out there" has a tech manual for the Kenwood
430S?...if so I'd like to know the offset and sidetone frequencies for the
rig please...I'd also like to know if they can be adjusted and how to do
it...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
"QRP! How sweet it is!"

Date: Mon, 2 Nov 1998 21:59:27 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [23922] FS: Ten Tec 509/ 208 CW Filter
Message-ID: <026201be06d5\$f8cdf340\$f7765acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Have to help finance more Ten Tec purchases, so I am selling my Ten Tec Argonaut 509 and matching 208 cw filter. It is about a 6 or 7 on a scale of 10. Has a couple of marks on the top left front, and a nick out of the black plastic bezel around the dial. It is not mint, but really not bad looking either. However, it works perfect!! the dial string doesn't sag at the left end like most ten tec analog radios do. The PTO is smooth and was factory rebuilt in feb or mar of this year. They also replaced the finals, and completely realigned the radio. I have the receipt for \$132.00 worth of work. comes with a nice copy of the manual in a loose leaf biner in plastic sheets. I will sell the radio and filter for \$250 and ship it for that in the conus.

Thanks
Tim
NZ8J

Date: Mon, 2 Nov 1998 22:11:03 -0500
From: "Dan Wolfe" <n4roa@mounet.com>
To: <NA5N@Rt66.com>
Cc: "Low Power Amateur Radio" <qrp-1@Lehigh.edu>
Subject: [23923] Zombie Shuffle
Message-ID: <199811030312.WAA25525@ns2.mounet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Paul,

Thanks to you and others involved for the three hours of agonizing, ear-ringing, buzzing, shuffling... fun, fun, fun. Here is my score results and log of contacts.

VE5RC	BRUCE	272-----	K8IQY	JIM	22 ----	N9JXY	DENNY
177							
WZ2T	RICK	518-----	W9XUL	DAVE	149----	N1FN	MARSHALL
533							
KF4KSM	MAC	510-----	K1QM	JOEL	116---	NQ7X	FLOYD
200							
KE4YH	STEW	186-----	NA1XX	MIKE	781---	W0QF	TOM
536							
N5EM	ED	337-----	N5JI	DICK	325		

1. Sum of Zombie numbers.....4662
3. Warewolf(acutally I am Danwolfe).....666
4. More than 13 stations worked.....666
8. Grand Zombie points.....666
10.Adjusted gross score

13.Total score= 6660 x 3.14 =20,504.2

Dan (Warewolf) Wolfe N4ROA Area code #540 in Va

72....Dan

Date: Mon, 2 Nov 1998 22:14:37 -0500
From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23924] RE: QRP-L POLICY
Message-ID: <000001be06d8\$16c05a80\$ab812581@gallifrey>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hiya,

Without quoting it all again, I really can see both sides. On one side, this is a very busy newsgroup, and adding non-QRP stuff just fills the old inbox even more. OTOH, if you feel comfortable you can trust the folks here...

The list is full of technical discussions I don't understand really, contest info which doesn't interest me, and for sale notices for CW rigs which are of no interest at all to someone who doesn't operate CW like me. Still, I find lots of value in the list, which is why I stick around. I learn a lot reading the posts, too. I'm not about to complain about any of the posts I don't like.

I guess my point is that unless the off topic stuff becomes a problem, the occasional post by a QRP-L regular trying to get other info from his or her friend isn't going to hurt us, is it?

Just my two centimes...

72,
Caity
hamgrrl KU4QD

Date: Mon, 2 Nov 1998 20:31:31 +0000
From: "Mabel and Don Adams" <adamsdm@lewiston.com>
To: qrp-l@lehigh.edu
Subject: [23925] Thanks!
Message-ID: <199811030330.TAA20792@mail-gw.fsr.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I want to thank all of you for your encouragement. You made me realize you are a great group! The QRP movement seems to be one of the most dynamic areas of amateur radio. I still find it amazing how far a milliwatt signal can be copied.

Thanks again,
Don Adams
KJ7NJ

Date: Mon, 2 Nov 1998 20:25:13 -0700
From: "Charles L. Stackhouse" <cstack@safelink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [23926] Argo 515 sold
Message-ID: <19981103034158290.AAA210@safelink.safelink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Argonaut 515 has sold.
Charlie WA2IPZ

Date: Mon, 02 Nov 1998 23:36:39 -0500
From: Don Wilhelm <w3fpr@mindspring.com>
To: crc@io.com, QRP List QRP <qrp-l@Lehigh.EDU>
Subject: [23927] Re: Accurate QRP pwr

Message-ID: <3.0.1.32.19981102233639.0069f578@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

> having trouble making the math work out. The formula given is
> Watts=Square root of $(.707 \cdot pk)^2 / 50 \text{ ohms}$, where pk is the peak DC
> reading on the voltmeter. If I use those numbers and the figures in the
> last section of the article I get a value of 2.23 watts for 22.4 volts
> and the author states the answer is 5 watts. I achieve that answer by

I have not seen the circuit nor the original article, but I will venture a guess that there is a misprint in the formula.
Assuming the DC reading is the peak value, the only thing that makes sense to me would be the following formula

$$\text{Watts} = \{(\text{sqrt of } 2)/2 \cdot pk\}^2 / 50 \text{ - or - Watts} = \{(.707) \cdot pk\}^2 / 50$$

It may be more clear in old BASIC format - $\text{Watts} = \text{SQRT}2/2 \cdot pk^2 / 50$

Note that the value in parens (.707) IS the same as the value of (Square root of 2)/2, which makes me believe the formula was subjected to editing and the the author wanted to give the readers intimidated by square roots a number to substitute. IMHO 2 wrongs that didn't quite make it right.

This is a normal formula -- $\text{Power} = V^2 / R$ only to obtain the average power, one must use the RMS value of the voltage instead of the peak voltage.

Hope I didn't confuse everyone - exponentials and roots are difficult to express in ASCII.

72,

Don W3FPR

Date: Mon, 02 Nov 1998 21:50:55 -0700
From: Dick Schneider <rschneid@ix.netcom.com>
To: JLarsen@alascom.att.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23928] Re: QRP-L POLICY
Message-ID: <363E8BAF.BDBDA618@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim:

It's a good point. That's why I raised the question gently. This is a very FB list. I'll just use my filters.

72 Dick AB0CD..

Larsen, Jim wrote:

> I think of the QRP-L group as containing some of my best friends in or
> out of ham radio. If I have a question, as long as it is even remotely
> associated with my ham radio hobby, who better to ask than my friends?
> Yes, this can be carried too far. Yes, occasionally someone is way off
> base. But I turn first to my friends and then to the rest of the world;
> the rest of the world containing mail lists that I know nothing about,
> don't know how to find and have not one whit of rapport with the people
> on those lists.
>

Date: Tue, 3 Nov 1998 00:04:20 -0500
From: ke6zx@juno.com (Fred J Kalt)
To: qrp-l@Lehigh.EDU
Subject: [23929] How Do I ?
Message-ID: <19981103.000420.-865659.4.ke6zx@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

How do I change my email address with this board ?

I got my new vanity call and want to be known here as W2XN instead of the old call KE6ZX. I also want to keep my number and not lose that.

Any ideas how to do it ?

Fred W2XN (alias KE6ZX)
Lakeland, FL
W5YI-VE Skywarn #POL-007 Polk County ARES Net Manager AR QRP
#233 QRP-L #1728
My Web Page:
<http://www.geocities.com/ResearchTriangle/Thinktank/5344/>

Date: Tue, 03 Nov 1998 05:17:47 +0000
From: Monte Stark <ku7y@dri.edu>
To: adamsdm@lewiston.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [23930] Re: amateur radio
Message-ID: <363E91FB.395D9ACC@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Don and all,

I'd like to take exception to what you have said.

First, I'd suggest that you read my editorial again and notice that no place do I say that you don't know anything. Nor do I infer that.

Had you read the entire editorial you would have also seen that I was one of those who entered the hobby during the early years of the "dumbing down" craze.

I see no longing for any "good old days". My editorial only points to what was in place at one time for those who don't know any of the history of the hobby.

You admit that you don't know where the hobby should be headed but in the same breath you say that my idea can't be good!

You say we need "...good communications of ideas and compromise". Why compromise? Why can't we just do what is best for Amateur Radio and not worry about the politically correct nonsense called compromise? How far down should the compromise go? For example, why not compromise and make the code tests start at 13 wpm and go to 30 wpm? Are we all willing to compromise in a "positive" (harder) direction?

Let me quote one short paragraph from my editorial:

"I don't blame anyone for entering the hobby through whatever door was

open at the time they got there. I did the same things with the novice license. But my point is that I would have become a ham with or without the novice license and so would most others!"

Don, whether you like it or not, you are a great example of why we don't need to lower the standards for licensing. You have come into the hobby without a background in electronics. You have studied and mastered the code, something that is not easy for anyone. And you have continued to learn and reach for the goals, provided at least partially by incentive licensing. If there was one simple test and no other class of license needed or offered, would you have had the same learning goals? Are you better off because the license structure is in place?

Having a real goal where we can get something tangible for our efforts goes a long way to motivating us to improve. For me it was the bottom 25 khz on 40m CW. That's the ONLY reason I decided to upgrade from General to Extra. (After close to 25 years of being a ham). Because I wanted to work DX on 40m and needed that Extra class license I wound up going on to my commercial license and a good job! I guess you could say that I own just about everything I have to incentive licensing! You bet I believe in it and in the FACT that people get much more out of things they work hard for than they do the things they get for nearly nothing.

The editorial was NOT a slam to anyone but instead to the system. I stand by my opinion that lowering the requirements will not have a positive effect on the hobby.

The last thing I want to do is make someone feel unwanted. I am sorry that you felt that is what I was saying. I hope you get at least as many years of enjoyment from the hobby as I have.

OBQRP:

QRP is very close to what the "old days" were. Building, sharing ideas, building friendships. Making little antennas and just sitting there looking at the sounds coming out of a radio you made with your own hands! That magic is still here and that is one of the reasons so many of us are drawn to QRP. New technology for sure, but the same old magic!

Thanks for the B/W. I just needed to get that out! :-)

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Mon, 02 Nov 1998 22:02:23 -0800
From: Dave Fifield <fifield@pacbell.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [23931] RE: Huge fireball over south Texas
Message-ID: <363E9C6F.1A8C@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Anyone heard from the space shuttle recently?

Date: Mon, 2 Nov 1998 22:20:36 -0800 (PST)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-l@lehigh.edu
Subject: [23932] N/T+ Pre-fox extravaganza
Message-ID: <Pine.LNX.3.96.981102221528.20490A-100000@amethyst.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, no -- THIS IS NOT AN OFFICIAL FOX EVENT. Nor will I be calling CQ FOX. However, I should be on the air early tomorrow morning Pacific time. Plan times to be on the air include 1500 to 1600 GMT, at OR AROUND 7121 kHz OR 7127kHz, depending on QRM. If it's really bad in that area, check for me around 7114 or even 7110. If I'm not on any of these frequencies, oh heck -- just scan around. I'm bound to show up somewhere.

:)

I moved my antenna entirely outside now. The SWR bridge shows a slightly better SWR, but now I can't hear anywhere near as much -- signal level dropped significantly. Will play with it tomorrow EVENING, though, to try and get a better signal.

As you might expect, the purpose of the announcement is to see who I can work before I have to leave for work, and to test my latest antenna set-up.

```
=====
KC5TJA/6      | -| TEAM DOLPHIN |-
DM13          | Samuel A. Falvo II
QRP-L #1447   | http://www.dolphin.openprojects.net
Oceanside, CA | .....
```

Date: Tue, 3 Nov 1998 04:14:08 EST
From: Blackpug1@aol.com
To: qrp-1@Lehigh.EDU
Subject: [23933] Thanks for Scotchkote sub info
Message-ID: <c8e843c0.363ec960@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all who answered my query about sealing outside transmission line connections. Nope, don't have a Lowe's or Home Depot in Sioux Falls--darn--just too small a town. So I'm gonna look into Coax Seal and Rustoleum (clear) as substitutes. Just wanna do the job right the first time so I don't have to do it twice. Grin.

Mike
KBORIA

Date: Tue, 03 Nov 98 06:35:27 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [23934] Samlex P/S Mods by W1HUE
Message-ID: <199811031233.HAA25828@nss4.cc.Lehigh.EDU>

In August of this year, Larry East, W1HUE, posted a mod to fix a problem with the Samlex 5 Amp Adjustable DC power supply. If you go back and check the archives for 980810 you'll find the mod he made by adding a 100 ohm 10W resistor. Cost \$0.99 for two of the critters at Radio Shack.

I also at that time bought one of the heavy duty bench supplies for experimenting. It was on sale for \$99.99 from TechAmerica. I don't know if Larry and I were the only ones to jump at the deal, but I feel that it was money well spent. I had not been able to sit down and do the mod until now. I didn't want to use the supply as it was because of the voltage would come up significantly after you turned the supply off. This was not a good deal for whatever was connected at the time.

Yes, you say I could unplug the circuit under test or equipment under test but if I even forgot one time the cost could be significant. I trust no power source other than a Gel-Cell on the voltage and measure new P/Ss under no-load and full load conditions before I connect anything of any value to them. As witnessed by a recent posting to do otherwise can result in the loss of something valuable. Been there done that.

So thanks Larry for the hint and kink on the P/S. Another satisfied customer.

Oh, you could ask why I waited so long? I didn't need greater than 15V until now. Built up a voltage reference good for 0.1mV at 5.000V. Testing some DVMs around the place. Best one was the Protek D-930A which was off by only 10mV at 5.000V. R/S Micronta 22-191 was off by 0.0V but only has two significant digits to the right of the decimal point. All others were 20mV low on the readings at 5.000V. Not bad for DVMs that range in the under \$50 when on sale.

All this testing for the digital probe lab in the Elmer200 series. :-)

FYI

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Tue, 3 Nov 1998 21:41:41 +0200
From: adams@ticnet.com
To: <qrp-1@lehigh.edu>
Message-ID: <9811031941.AA0349@Yaacov>

Correction: R/S Micronta 22-191 was off by 2.0V, not 0.0V.

FYI

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Tue, 03 Nov 1998 07:43:25 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: NJQRP Club <njqrp@njqrp.org>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [23936] ScQRPion Antler
Message-ID: <363EFA6D.595D3F98@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Got my ScQRPion Antler in the mail today. Very nice concept. Just what I needed for portable operations. I have one suggestion that seems like it would resolve the most obvious problem of the antenna wire getting wound up inside the unit. the addition of a small split lead fishing sinker near the end of the wire would prevent the problem. My hats off to brian W5VBO and the whoel ScQRPion crew for developing and excellent product for seperating me from my disposable QRP resources.

Date: Tue, 3 Nov 1998 07:51:01 -0500
From: "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>
To: qrp-1@Lehigh.EDU
Subject: [23937] RE: Zombie Shuffle: Event report
Message-ID: <29D7D950A854D21184DA00E02926586718AD18@SUSDAYTE53>
MIME-Version: 1.0
Content-Type: text/plain

>My score was pretty impressive. If I figured it right I made 157,032,562
>points.

I guess I have verified that I am a true zombie by being brain dead. I multiplied 1 extra time to get this really impressive score. My real score is 19,019 +- brain damage factor.

Hey Paul, Do I get to keep the extra points for being brain dead? he he he he.

No? Well, I had to try.:)

72 de Ron, N8VAR
Zombie #551 (just arrived today.)

Date: Tue, 03 Nov 1998 07:51:19 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: tentec@qth.net

Cc: qrp-1@lehigh.edu
Subject: [23938] Omni V, weird problem
Message-ID: <3.0.5.32.19981103075119.007cb7f0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well something really weird happend and it really freaked me baddly. I was using my Omni V and left the shack to make a call. Was gone for about half and hour give or take between phone call and taking my dogs out.

I came back into the shack to shutdown for the night and as soon as I walked in I smelled overheated electronics or at least it was a smell of warm chassis. I ran to the operating table trying to think what the hell was going on. I grabbed the phones cause I didn't hear the sweet sound of Cw. Well then I realized it was stuck in the tune up mode like if you had pushed the tune button and walked away. I know fully that I left the shack and the rig was rcvg and not in the tune or transmitt mode. I asked my Xyl if she had gone in there for some reason and tried turning off tthe rig or whatever. I know the dogs didn't touch it, but figured neither di dshe, but ay ask anyway.

No of course was her answer. So, point of all this story is has anyone had their Omni switch itself into the tune mode without any button pressing? I am going to leave the rig on tonight and operate it a little, but otherwise just let it sit and see if this problem happens again. I will also say that once or twice I have heard the rig beep for no reason I can think of. Any ideas on this? was thinking maybe the switch/button is bad or something. Pse, any help I really love this rig and would hate to have to send it out to Tentec when I have only had it a few weeks.

tnx es 73 de Scott/n3byy

Date: Tue, 03 Nov 1998 06:55:21 -0600
From: Wayne Alexander <walexan@ipa.net>
To: qrp-1@lehigh.edu
Subject: [23939] Dear FOX for 11-20-98
Message-ID: <199811031256.GAA14868@ns3.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I was wondering when you will be on the air. I have a Club meeting to get to on QRP and was wondering about what time you will be on. Thanks

73,

KB0PTE

Wayne

FISTS # 4907

QRP-L # 1058

Date: Tue, 03 Nov 1998 07:00:22 -0600
From: Wayne Alexander <walexan@ipa.net>
To: qrp-l@lehigh.edu
Subject: [23940] RE:Dear FOX @??????
Message-ID: <199811031301.HAA15017@ns3.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sorry about the date it was wrong,I was wondering about 11/06/98.
73,
KB0PTE
Wayne
FISTS # 4907
QRP-L # 1058

Date: Tue, 03 Nov 1998 08:05:30 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [23941] sweepstakes
Message-ID: <3.0.5.32.19981103080530.007cdcb0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

does anyone know if you can run both qrp and qro for the contest this
wknd? thought to do a bit of both.

tnx es 73 de Scott/n3byy

Date: Tue, 03 Nov 1998 08:13:25 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [23942] tone generator
Message-ID: <3.0.5.32.19981103081325.007c88c0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

ok, this is probably not qrp related, but does anyone know of a tone
generator so you can set the side tone to whatever you like? I tried using
my MFJ tutor cause the sidetone on my Omni seemed to be a bit low and think
I have it now, but maybe someone has a 700hz wav file or something.
just curious.

Date: Tue, 03 Nov 1998 08:49:25 -0400
From: Chuck Leskie <cleskie@um-f1.umd.umich.edu>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [23945] SSB QRP
Message-ID: <363EFBD4.6FDDD047@um-f1.umd.umich.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All

I got my first ham ticket 4 1/2 years ago and started running QRP shortly after. However until recently, I thought that QRP was only effective when using CW. A few weeks ago, I was going through some old issues of 73 magazine and saw an article about SSB and QRP. The article got me thinking, so I decided to try it.

I ordered one of those MFJ 9440's a couple weeks ago. I recieved it last week. After pulling it out of the box and plugging it up to my G5RV, I threw out a CQ on 7.180. On the very first call I had two stations come back. One in Kentucky and the other in Chicago. The guy in Kentucky gave me a 20 over S9 report. I was hooked. I went on to work many other stations as well. One after another. One person told me that he never would have known that I was QRP if I didnt tell him.

For a while It seemed to draw a lot of interest and I had a pile up working me. In any event its a pleasent suprise to me how well its working. During the summer months, I do a lot of camping in Michigans Upper Peninsula. When up there, I take my ham gear along with me. Next summer however I'll be running all QRP on phone and CW. This means that I don't need to lug along a generator, a ten pound power supply and a big HF rig. Just a battery a couple QRP rigs and a dipole. I wonder why QRP on phone is so rare?

Date: Tue, 03 Nov 1998 07:48:32 -0600
From: Jim <kj5tf@madisoncounty.net>
To: qrp-l@lehigh.edu
Cc: n9zz@centuryinter.net
Subject: [23946] AR QRP monday 80M net report
Message-ID: <363F09AF.30B1@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A nice turn out last night on 3.560Mhz. Our two regular NCS ops couldnt make it so yours truly KJ5TF was "default" NCS! .)

Check ins were,

K5ID,

AB5ZD,

N5SAN,

AA5VS,

KCOM,

KONI,

NOUR,

K5XTY

Membership in AR QRP is free, no officers, no dues. Free email newsletter too! So why havnt you joined yet?

Thanks to all! de Jim AR QRP #2

Date: Tue, 3 Nov 1998 08:53:25 -0500

From: DNT1@chrysler.com

To: NA5N@Rt66.com

Cc: qrp-1@Lehigh.EDU

Subject: [23947] Zombie score

Message-ID: <052566B1.004C3E60.00@lmgodd02.notes.chrysler.com>

Mime-Version: 1.0

Content-type: text/plain; charset=us-ascii

Content-Disposition: inline

Well, here's the result of nearly 2 hours of "zombified" listening to a noisy band that turned out to be splatter from a station broadcasting the "International Gay & Lesbian Radio Magazine" at a center frequency of 6.975 MHz (splattering all the way up to 7.087!). I caught "ET" in the one brief break that showed up, the QRM resumed before I even got the QSO completed. Thanks Marshal, for hanging in there to complete the exchange!

OFFICIAL ZOMBIE SHUFFLE SCORE SHEET

- 1) ___1___ Number of stations worked (not really used for anything!)
- 2) __533__ Sum of Zombie numbers (add up ALL Zombie numbers worked)
ADD CAREFULLY. This could be a big number.

BONUS POINTS:

- 3) __666__ Add 666 points if you're also a werewolf
- 4) ___0___ Add 666 points if you worked more than 13 stations

- 5) ___0___ Add 666 points if you worked 3 or more prime numbers
- 6) ___0___ Add 666 points for each YL/witchesses you worked
- 7) ___0___ Add 666 points if you worked an Elvis
- 8) ___0___ Add 666 points for each Grand Zombie worked (Zombie #001-025)
- 9) ___0___ Add 666 points if at least one QSO was on 80M
- 10) __1199_ >Add up lines 2 through 9. This is your adjusted gross score.
>Look up your tax on page 38 and enter on your W-2 line 17 :-)

MULTIPLIERS:

- 11) __3.14_ Multiply line 10 by "pi" (3.14) if you're a Zombie (an OM)
- 12) _____ Multiply line 10 by "2-pi" (6.28) if you're a witchess (a YL)
NOTE: You can use any resolution of pi you wish.
- 13) 3764.86 THIS IS YOUR TOTAL SCORE. (Line 10 times proper multiplier)
(Took some work to get this to end on line 13!)

NAME: __Don Trammell_____ CALL: _ AI4CW_____ ZOMBIE # __528___

QTH: Toney, AL (EM64pw)

Date: Tue, 03 Nov 1998 07:47:15 -0600
From: crc <crc@io.com>
To: Qrp-l <qrp-l@Lehigh.EDU>
Subject: [23948] Re: Accurate QRP pwr
Message-ID: <363F0963.150E@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang:

Thanks for the many replies on the Power formula,I have looked at probably 25 answers and the consensus seems to be an error in the formula,you donot extract the square root of the power.The actual formuls is Watts=(.707*pk)squared /50ohms with pk meaning the peak voltage reading.for those interested in this project it is in the Fall

1997 issue of QRPp. My total cost to build \$1.49 since I did not have the
Resistors in the junk box.

Charlie WA5KRF AQR#X QRP-L#1207

Date: Tue, 03 Nov 1998 7:59 -0600
From: "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Don Wilhelm"
<w3fpr@mindspring.com>
Subject: [23949] Re: Accurate QRP pwr
Message-ID: <14B8E298@optelinc.com>

Gee... I didn't realize that DC had "peak" measurements!
I used to think that only AC had "peaks"!

KK - W8TIF
McKinney, Texas

From: Don Wilhelm
To: Low Power Amateur Radio Discussion
Subject: Re: Accurate QRP pwr
Date: Monday, November 02, 1998 10:36PM

> having trouble making the math work out. The formula given is
> Watts = Square root of (.707 * pk) squared / 50 ohms, where pk is the peak DC
> reading on the voltmeter. If I use those numbers and the figures in the
> last section of the article I get a value of 2.23 watts for 22.4 volts
> and the author states the answer is 5 watts. I achieve that answer by

I have not seen the circuit nor the original article, but I will venture a
guess that there is a misprint in the formula.
Assuming the DC reading is the peak value, the only thing that makes sense
to me would be the following formula

$$\text{Watts} = \{(\text{sqrt of } 2)/2 * \text{pk}\}^2 / 50 \text{ - or - Watts} = \{(.707) * \text{pk}\}^2 / 50$$

It may be more clear in old BASIC format - Watts = SQR(2)/2 * pk ** 2 / 50

Note that the value in parens (.707) IS the same as the value of (Square
root of 2)/2, which makes me believe the formula was subjected to editing
and the author wanted to give the readers intimidated by square roots a
number to substitute. IMHO 2 wrongs that didn't quite make it right.

This is a normal formula -- Power = V squared / R only to obtain the
average power, one must use the RMS value of the voltage instead of the
peak voltage.

Hope I didn't confuse everyone - exponentials and roots are difficult to express in ASCII.

72,

Don W3FPR

Date: Tue, 3 Nov 1998 08:59:28 -0500
From: "Michael St. Angelo" <mstangelo@worldnet.att.net>
To: "'QRP-L@LEHIGH.EDU'" <QRP-L@LEHIGH.EDU>
Subject: [23950] FS: Oak Hills OHR400 kit
Message-ID: <01BE0708.4C7DD3C0@81.newark-01-02rs.nj.dial-access.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For Sale, an unbuilt OHR400 kit. It's a CW rig and covers 80,40,30 and 20 meters. Price is \$225.00.

I'm swamped with work and a new house and don't have time o build this baby.

Mike St. Angelo N2MS
QRP-L 1465
Email:mstangelo@worldnet.att.net

Date: Tue, 03 Nov 1998 09:03:33 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: cw@qth.net
Cc: qrp-l@lehigh.edu
Subject: [23951] Te Ne Ke for sale
Message-ID: <3.0.5.32.19981103090333.007e23a0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dennis, the gent who makes these keys sent me several samples to try out. I told him I would take them to our club to see if there was any intrest. Wasn't so before I send them back, if anyone would like to purchase a key, I'll ship direct to you. I told Dennis I would sell them for him if I could. I am not making anything off these keys at all. I am doing it cause

it was extremely kind of him to send them at his expense. So, cost of key plus \$3 for shipping if its a bit more I'll take the loss on that. I would buy them all, but the shack budget won't support it this time.<g>

Contact me at whowell@mail.hq.nasa.gov if your intrested. Below is a brief description and price.

OH, the club wasn't overly intrested cause their mainly phone dudes.

The standard table-top type key which is on either a chrome or wrinkle paint black base about 3 inches by 1 1/2 inches. It folds up kind of so it is easy to pack and tote with you. ...\$35

small Plug-In key that will plug directly in to your QRP rig or what have you, it is about 1 1/2 inches long and comes with a nice little clear plastic carrying tube to protect it from damage. ...\$20

"Micro-Key" It is barely over an inch long, has a very small cord about 3 foot long and will plug directly into your keyer.\$20

Pictures of these keys are in the April and June issues of CQ mag! He guarantees all for lifetime, or money

He has others, but these are what he sent me. I just didn't want to ship them back without trying to help him out by selling a couple. REMember, I get nothing from the sale so please dont' let that inter into your decision. I can tell you they are really neat keys and lots of fun to use. They are pretty tough and do not require adjusting. Nice tight action is how they are shipped and they really do work well.

tnx es 73 de Scott/n3byy

Date: Tue, 3 Nov 1998 09:01:51 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: Blind.Copy.Receiver@compuserve.com
Subject: [23952] CALLING all N/T+ FOXes
Message-ID: <199811030905_MC2-5EE2-84AD@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Dear N/T+ FOXes:

If you previously signed up with Paul to beoome an N/T+ FOX for this

season, please write *me* ASAP. He has sent me some names and I have already confirmed with several. But I need to re-confirm with each of you as soon as possible. Don't want to leave anybody off my master list. (BTW, if I have not already contacted you directly, don't worry about it!)

Several have asked for a re-posting of the rules for this season. I will put them on again tonight.

You have seen that some guys are already scheduled to operate. Don't worry, you will get on soon. But be sure you send your proposed sked to me *first*. Don't want too many guys on at the same time or frequency. Plus we have to think about the General+ FOXes, too.

Thanks again for volunteering to be a FOX this season. I am here to assist and offer encouragement. Will also monitor as many hunts as possible, and even try to work you most evenings.

I look forward to hearing from *you*. If you have already written me, no need to write again.

72/73,
--Doc Lindsey/K0EVZ
DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Tue, 3 Nov 1998 09:01:59 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: Blind.Copy.Receiver@compuserve.com
Subject: [23953] N/T+ Rules Re-Post
Message-ID: <199811030905_MC2-5EE2-84AF@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

In response to many requests, here are the N/T+ FOX hunt rules.

Several guys have announced their skeds. Let's make every effort to work 'em, everyone. This is one way all of us can "elmer" the ops. We hope

they will be able to upgrade as a result of being a FOX :-). But they needs lots and lots of QSOes to do it.

>>By popular demand, we are pleased to announce:

1998/1999 QRP-L Novice/Tech Foxhunt

To be managed this year by:

--Doc Lindsey/K0EVZ
DSBF
P.O.Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

We expect to get this N/T+ hunting season underway very soon. Once I have the list of N/T+ FOXes already signed up, we should be rolling soon thereafter. I hope the first hunts will be this week :-).

As will be seen, each N/T+ op arranges and publishes his/her own schedule. Be on the lookout for their periodic postings.

Please plan now to take part in as many hunts as possible. The object is to help these FOXes upgrade to General (and beyond!) as well as to encourage them.

Rules:

N/T ops are encouraged to get on the air as a FOX and make as many two-way QRP contacts as possible over the course of the event.

The N/T FOX may operate at ANY time/day that they desire. The only stipulations:

- 1) Two Hour time limit per foxhunt.
- 2) Two foxhunt sessions per fox, per week.
- 3) The operating time be approved by K0EVZ.
- 4) The N/T Fox posts a sked to QRP-L 48 hours PRIOR to their foxhunt.

Scoring:

The N/T fox gets one point for EVERY QSO.

The HOUND gets a TWO point BONUS that will be added to their

QRP-L Foxhunt score for EVERY N/T FOX that they work (see note).

NOTE: We encourage the hounds to work each N/T Fox every week and give them a point but the Hound will only get the two point bonus *once* for each N/T Fox worked.

B+TW, we still have space for additional N/T+ ops. Perhaps you could encourage someone to join in. If so, they can simply e-mail me and I will contact them.

Tks es good hunting, everyone!

72/73,

--Doc Lindsey/K0EVZ

DSBF

P.O. Box 7187

Bismarck, ND 58507

E-Mail 70511.3041@compuserve.com <<

Date: Tue, 03 Nov 1998 8:07 -0600

From: "Karl Kanalz - Dallas" <kkanalz@optelinc.com>

To: "Blackpug1" <Blackpug1@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [23954] RE: Thanks for Scotchkote sub info

Message-ID: <4279D745@optelinc.com>

I think you'll be sorry if you use clear "RustOleum" as a coax splice sealant, Mike. Coax Seal is pretty good stuff for the job, and if you can't find some handy, I'd recommend the following:

- a. Wrap one layer of plastic electrical tape (Scotch #33 recommended) over the coax splice
- b. Obtain a can of "Dip-It" from a hardware store (any color, but I like red myself!) and brush on a moderately thick coat of this over the plastic tape... you can do it in one or two coatings, letting it dry thoroughly between coats.

The "Dip-It" stuff is used to form a cushion molding on pliers and other tools and is quite inexpensive, even in small hardware stores.

If you CAN'T FIND "Dip-It", send me your mailing address and I'll gladly send you some cable-sealing material that is BETTER than "Coax Seal" and more easily managed!

Karl K. - W8TIF
McKinney, Texas

From: Blackpug1
To: Low Power Amateur Radio Discussion
Subject: Thanks for Scotchkote sub info
Date: Tuesday, November 03, 1998 4:14AM

Thanks to all who answered my query about sealing outside transmission line connections. Nope, don't have a Lowe's or Home Depot in Sioux Falls--darn--just too small a town. So I'm gonna look into Coax Seal and Rustoleum (clear) as substitutes. Just wanna do the job right the first time so I don't have to do it twice. Grin.

Mike
KBORIA

Date: Tue, 3 Nov 1998 09:27:57 EST
From: DLShips@aol.com
To: qrp-l@lehigh.EDU
Subject: [23955] Carolina's November 14th QRP-Fest
Message-ID: <6ae8e3a9.363f12ed@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Oops,

I should have included this in the post yesterday. I'll include it in next weeks post but just in case Here's some additional help in finding Jones Lake State Park.

Check out this URL.

<http://www.waterw.com/~knights/klevent2.html>

Remember, the date is November 14th and the time from 9 to 5..

See Y'all there.

72s de Don, W3RDF/qrp

Date: Tue, 03 Nov 1998 07:36:55 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: whowell@hq.nasa.gov
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23956] Re: sweepstakes
Message-ID: <363EB297.21B42D18@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Any time you enter a ham contest, you must score according to the
highest power level used.

You can use both QRP and QRO, but must score and submit as QRO.

--

72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

Date: Tue, 03 Nov 1998 08:31:06 -0600
From: crc <crc@io.com>
To: kkanalz@optelinc.com
Cc: Qrp-l <qrp-l@Lehigh.EDU>
Subject: [23957] Re: Accurate QRP pwr
Message-ID: <363F13AA.15F9@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Karl Kanalz - Dallas wrote:

>

> Gee... I didn't realize that DC had "peak" measurements!

> I used to think that only AC had "peaks"!

>

> KK - W8TIF

> McKinney, Texas

Sorry the explanation jumped out of my keyboard faster than my mind
could correct it, the pk used for this is the peak DC reading of the DVM
hooked to the circuit. I was overwhelmed with replies and I don't think I
have ever seen so many QRP-L ers agree on something at the same time HI
HI.

Charlie WA5KRF

Date: Tue, 03 Nov 1998 08:40:51 -0600
From: Kevin Muenzler WB5RUE <wb5rue@stic.net>
To: fifield@pacbell.net, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [23958] RE: Huge fireball over south Texas
Message-ID: <000501be0737\$f543ce90\$d8016f81@muenzlerk.uthscsa.edu>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

The space shuttle was actually over Africa at that time.....
I did see another, not quite so impressive one, last night.
This one went from east to south at about 30 degrees above
the horizon. This one was about 19:10 CST. I think the
Leonids are starting....

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Dave Fifield
> Sent: Tuesday, November 03, 1998 12:02 AM
> To: Low Power Amateur Radio Discussion
> Subject: RE: Huge fireball over south Texas
>
>
> Anyone heard from the space shuttle recently?
>
>

Date: Tue, 3 Nov 1998 09:45:04 EST
From: SONNY1H@aol.com
To: supertec@mail.myriad.net, qrp-1@Lehigh.EDU
Subject: [23959] Re: keyboard keyer
Message-ID: <74dac964.363f16f0@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 11/2/98 9:19:50 PM US Eastern Standard Time,
supertec@mail.myriad.net writes:

<< qrp-1@Lehigh.EDU >>

Me to. Send e-mail to s0nny1h@aol.com.

Thanks, Sonny - KE9IX

Date: Tue, 03 Nov 1998 07:58:56 -0700
From: Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
To: leinwebe@mcmail.cis.McMaster.CA, qrp1 <qrp-1@Lehigh.EDU>
Subject: [23960] Re:terminating Tayloe mixer
Message-ID: <363F1A30.242B19B7@email.mot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Date: 03 Nov 1998 03:28:12 -0500
From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
To: qrp-1;;
Subject: [23889] terminating Tayloe mixer
Message-ID: <1998Nov03.032812-0500@[130.113.234.7]>

> What is the input impedance of an
> instrumentation amplifier? Very high.
> So there's two choices: step up the antenna
> signal to a very high impedance, or step up the
> audio voltage to a very high impedance.

> The first choice is likely a bad one.
> Such large signals going into the mixer would
> adversely affect large-signal handling.

Already tried this. My first detector used 150 ohms
input, so I used a broadband stepup transformer to
up the voltage.

Seemed to work fine until I made third order intercept
measurements. I was only getting +19 dbm and -130
sensitivity. After I changed to 50 ohms, the intercept
moved to +30 dbm, and my sensitivity moved to -136 (!).

> The mixer (with a 50 ohm antenna impedance) provides
> about 200 ohm source Z to the audio amplifier. At
> room temperature, that's $1.8nV/\sqrt{Hz}$ noise input,

>Clearly, a state-of-the-art amplifier ($1\text{nv}/\sqrt{\text{Hz}}$)
>would give better results, but we're better off
>than with a conventional 1:1 DBM mixer, with signal
>loss.

Let me think about this number: If you have a 50 ohm system and a 50 ohm filter input resistance, you have a total of 100 ohms generating noise. The fact that the detector capacitor sees this noise only 1/4 of the time means that the effective impedance it sees is 4x or 400 ohms, but no additional noise is created.

If all four phases are summed, all the noise from the 100 ohm input (filter+antenna) will appear at the output.

If you use an instrumentation amp, no additional series resistors are required, so the noise will be that of the 100 ohm system and the first op-amp pre-amp.

Since I am using a normal low noise op-amp, input resistors of 390 to 470 ohm is probably about right. Right now I am up at 2.2K, so I most likely have a noise level 2x what I could have.

I suppose I could get lower noise by going to zero ohms on the filter input and smaller detector caps and give up the wide band roll off the detector has. However, with 50 ohms and 0.47uF caps, I get about 30 dB roll off 40 KHz away. This helps keep my 45 dB pre-amp from getting beaten up from wide band junk, especially off frequency 40 broadcast stations.

Alternatively, I could add a bandpass filter in front of the detector, but the additional insertion loss may hurt more than simply having a 50 ohm roll off filter resistor in the first place.

I just got some LT1115 $0.9\text{ nV}/\sqrt{\text{Hz}}$ op-amps from Digikey, but my 13 year old Weller just died. A replacement (and more testing) will have to wait until the weekend.

Darn! What is an experimenter to do without an iron?

- Dan Tayloe, N7VE, Phoenix, Az, Az ScQRPions, QRPL #696

Date: Tue, 3 Nov 1998 06:58:46 -0800
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [23961] Dumb question # 43,294,163
Message-ID: <199811031459.GAA09931@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

How do I know what my ARRL section is?

Frank and Karen Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iea.com -==*- (509) 326-7147 -==*- <http://www.iea.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people"

Date: Tue, 3 Nov 1998 06:57:25 -0800 (PST)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Wayne Alexander <walexan@ipa.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23962] Re: Dear FOX for 11-20-98
Message-ID: <Pine.LNX.3.96.981103065523.24439A-100000@amethyst.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 3 Nov 1998, Wayne Alexander wrote:

> I was wondering when you will be on the air. I have a Club meeting to get
> to on QRP and was wondering about what time you will be on. Thanks
> 73,
> KB0PTE

As per my previous post, I will be on the air from 9-11PM Pacific time
Wednesday. This is 0500 to 0700 Thursday, GMT. Not sure about the other
fox, however.

I will post a reminder message later today.

=====
KC5TJA/6 | -| TEAM DOLPHIN |-
DM13 | Samuel A. Falvo II
QRP-L #1447 | <http://www.dolphin.openprojects.net>
Oceanside, CA |

Date: Tue, 3 Nov 1998 09:04:35 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Paul Harden <pharden@aoc.nrao.edu>
Cc: Low Power Group <qrp-1@LeHigh.EDU>
Subject: [23963] Re: Zombie Shuffle
Message-ID: <Pine.LNX.3.95.981103085610.23762B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Official Zombie Score Sheet - or close to it!

- (1) - 11 stations worked
- (2) - 3646 - sum of Zombie numbers
- (3) - 0 - add 666 points if you're also a warewolf - "Well everytime
after a full moon, Bonnie says I need a haircut, bad!?!?"
...so what do you think Paul & Sandra?
- (4) - 0
- (5) - 0
- (6) - 0
- (7) - 0
- (8) - 666
- (9) - 0
- (10) - 4312

- (11) - 13539.68
- (12) - looked in mirror and don't qualify
- (13) - 13539.68

Name: Bruce Rattray Call: VE5RC Zombie# 272

QTH: 128 Durham Drive, Regina, SK. S4S-4Z2 , Canada

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
"QRP! How sweet it is!"

Date: Tue, 3 Nov 1998 10:27:50 EST
From: Elekktron1@aol.com
To: fgrig@iea.com, qrp-1@Lehigh.EDU
Subject: [23964] Re: Dumb question # 43,294,163
Message-ID: <3e8f5301.363f20f6@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

If you are in Spokane, you are Eastern Washington (EWA)...de KK5WL

Date: Tue, 3 Nov 1998 08:39:05 -0700 (MST)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-l@lehigh.edu
Subject: [23965] Re: 3m Scotchloate substitute
Message-ID: <199811031539.IAA14437@rgfn.epcc.edu>

One might also check at the electrical supply houses such as GE or Graybar (or smaller suppliers) for the Scotchkote. I don't recall seeing it as a spray, but in a small 1 pint can, similar in size to pvc glue, with a brush built into the top. I heartily recommend that it not be used on a windy day as the little stringers from the brush will go where least wanted. Sure worth the effort, tho. I have cut tape coated with Scotchkote covering antenna connectors on cars that endured snow/salt mixture for several years and the connectors would be just as new. Other coatings never seemed to hold up as well. So under normal usage, the connectors treated in such a way will probably outlive the coax.

--
Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Tue, 3 Nov 1998 10:40:54 EST
From: SABorns@aol.com
To: qrp-l@lehigh.edu
Subject: [23966] OHR-500 Operating Update
Message-ID: <81090959.363f2406@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I have been operating the new OHR-500 primarily on 15 and 20 meters. Forty has

been somewhat noisy here so I've only had a few Q' there. Yesterday I worked France, Germany, and Cuba in very short order. Then I took the rig down to install a TICK 2B keyer. It fits very nicely in the empty space on the lower rear panel. OHR offers a keyer module option, but I wanted the beacon and memory feature of the tick.

I am still very impressed by the rig and again especially by the new receiver design. The AGC circuit also does it's job well which was one weakness of the OHR-400.

Like a number of other fellows and gals on the net I've also been playing around with resonant speaker design. When using the OHR-500's internal audio filter and the resonant speaker the resulting audio is remarkable. (There is a brief article on the resonant speaker on the CQrp (Columbus QRP Club) web site. It can be linked via the Norcal site.)

How are you other 500 builders progressing?

Date: Tue, 03 Nov 1998 10:41:42 -0500
From: "Ed Hare, W1RFL" <ehare@arrl.org>
To: qrp-1@lehigh.edu
Subject: [23967] Re: Sweeps Stakes From K0FRP
Message-ID: <363F2436.AB9@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

alan dawkins wrote:

- > Bring the house down with QRP logs in SS contest this weekend.
- > Get ON
- > Make contacts
- > Send in Logs even though you made just a few QSO's
- > CU There
- > Al K0FRP

Let me wholeheartedly support this. ARRL's contest policies are often determined by participation and participation is measured by the logs received. Hey, if we were able to double the amount of Q class entries by having everyone who participates in the Q class send in logs, we would double our QRP "clout" wrt QRP contest policies. The popularity of the Q class HAS had an impact.

Let me add that I often am able to support QRP "behind the scenes" here at ARRL HQ and I have noted that the overall support of ARRL and the active participation by QRPers has made it much easier. The positive attitude has helped, too. :-)

I won't be able to do a full effort this year, but W1RFI WILL be on for at least a few hours. (Maybe we can even talk W1VT into getting on a bit! :-) I just gotta cobble up a better antenna. :-) See youze guys (the Northern equivalent of y'all) this weekend.

72,
Ed, W1RFI
ARRL Lab

Date: Tue, 03 Nov 1998 08:50:03 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [23968] RE: Sealing Antenna Connections
Message-ID: <3.0.3.32.19981103085003.00920bc0@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I only see an occasional digest, so this info may have already been posted.

Radio Shack sells "CoaxSeal" -- it used to actually say "CoaxSeal", but now it carries the "Archer" label. Same stuff.

72, Larry W1HUE

PS -- "Vote early and often"... :-)

Date: Tue, 03 Nov 1998 10:52:34 -0500
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@lehigh.edu
Subject: [23969] Re: sweepstakes
Message-ID: <363F26C2.7FAC@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bob Patten wrote:

> On Tue, 3 Nov 1998, Scott Howell wrote:

> > does anyone know if you can run both qrp and qro for the contest
this

> > wknd? thought to do a bit of both.

> Sure, but then your entry category is for the highest power used during
> the contest.

You would also run into dupe problems -- people who worked you when you
were QRP could not work you again QRO and vice versa. The major problem
would be the with the Precedent -- all of the log-checking process
(software and human) assumes that any given station will have the same
Precedent through the contest. The Precedent sent should be the highest
power used in the contest. If you send Q when you are QRP and A when
you are QRO, there will be a lot of stations who will show a 'busted'
contact for you when the log-check run happens.

What I would suggest is that you either bite the bullet and run Q class
for the contest, run QRP when you want to, but send the A or B Precedent
or perhaps use a club-station call for either the QRO or QRP part of the
contest and send in two logs. Under the rules, you would need a
separate transmitter for the second call, though.

73, Ed, W1RFI

Date: Tue, 03 Nov 1998 09:00:33 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Cc: Chuck Adams <adams@ticnet.com>
Subject: [23970] RE: Samlex P/S Mods by W1HUE
Message-ID: <3.0.3.32.19981103090033.0090ae60@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

In a recent post from Chuck Adams:

>In August of this year, Larry East, W1HUE, posted a mod to fix
>a problem with the Samlex 5 Amp Adjustable DC power supply.
>If you go back and check the archives for 980810 you'll find the
>mod he made by adding a 100 ohm 10W resistor. Cost \$0.99
>for two of the critters at Radio Shack.

I have since made a couple of other mods to that power supply -- one to
further eliminate the "over voltage" condition when power is turned off and

another to reduce the over-current protection circuit's sensitivity (the fool thing will trip when you apply a capacitive load!). The mods can be downloaded from the QRP-L WEB site:

http://qrp.cc.nd.edu/qrp-l/hints/w1hue/samlex_mods.html

Enjoy...

L.

Date: Tue, 03 Nov 1998 10:59:58 EST
From: we6w@juno.com (Ed Loranger)
To: whowell@hq.nasa.gov
Cc: qrp-l@Lehigh.EDU
Subject: [23971] Re: Omni V, weird problem/Spartan Sprint.
Message-ID: <19981103.075946.4791.1.we6w@juno.com>

Scott, I hope it all gets worked out. I too had a wake-up call. Was working the Spartan Sprint last night in the usual fashion with Bug and 5 Watts from my Drake TR-3.

Towards the last 45 minutes my antenna relay started doing it's thing -- ok on TX but RX would go on/off as if the contacts were oxidize. So, given the excitement of the sprint, I just had to hear!

Banged the side a few times and tapped the bug and the rig to stay afloat and hear stations. After the sprint I ate dinner, returning to the rig to check things out.

Apparently I burnt up the 5 Watt scale on the power meter! Must've banged the relay and got a spike in there on the antenna line. So now using the 50 watt scale.

Looks like I have to clean the Drake TR-3 relay once a year. And quit banging on the rig. Just on the bug :)

BTW: Got 34 QSO's on 40 meters in the Spartan Sprint. Resonant speaker helped immensely. Yes!

72 es gl wid the rig.

-ED

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

On Tue, 03 Nov 1998 07:51:19 -0500 Scott Howell <whowell@hq.nasa.gov> writes:

>Well something really weird happend and it really freaked me baddly. I
>was
>using my Omni V and left the shack to make a call. Was gone for about
>half
>and hour give or take between phone call and taking my dogs out.
>I came back into the shack to shutdown for the night and as soon as I
>walked in I smelled overheated electronics or at least it was a smell
>of
>warm chassis.<snip>

Date: Tue, 3 Nov 1998 09:02:42 -0700
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1'" <qrp-1@lehigh.edu>
Subject: [23972] Antenna Help
Message-ID: <01BE0708.B8759900.bmug@gwl.com>

I am looking at purchasing a shed for my back yard (bikes, lawn mower, junk).
It will have to go where my vertical is, so which would be better - a metal
one or a wood one (shed not antenna)?

Can I use the metal one for a ground plain if so how high should my antennas'
base be above the peak of the roof? Or should I go for all wood and use
counterpoise?

How about metal and ground to the building and use counterpoise?

Thanks

de KB0ROL, Brad

Date: Tue, 3 Nov 1998 10:57:59 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: <cleskie@um-f1.umd.umich.edu>, "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: [23973] Re: SSB QRP
Message-ID: <199811031559.KAA06598@pimout4-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Chuck and gang,

I also own that rig and the MFJ-9420. I've worked probably at least 30 countries with the 9420 mostly portable.

When we (Tony WW2W, Ed WA2HQA and myself) ran the N2Y special event station (kicking off the Brooklyn QRP Club, just a bunch of locals hanging out in the park playing radio near the Verrazano Bridge) back in April we used the 9440. Worked many states, ragchew style having no problem holding a frequency calling CQ special event.

I think we owe it to the excellent processing in the rigs. That's what gives it the punch.

I wanted to get a 20M SSB QRP Net going, nothing fancy, very informal. Not sure if you have the 9420 as well, would be perfect. If I could only get my 20M dipole up in the air to stay I'd be set. I have a bunch of interested hams and will send out something shortly on that net.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Tue, 3 Nov 1998 11:09:10 -0500
From: Sam Billingsley <SBillingsley@usaninc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23974] New Power Supplies and Components
Message-ID: <21E06269B00ED111BE9B00805F6D0FA345FF64@mailserver1.usaninc.com>
MIME-Version: 1.0
Content-Type: text/plain

Len brings up an important tip that applies to all new gear and components. I have always checked out and burned in new power supplies, commercial or home brew. You can never be sure that the brand new "out of the box" piece of gear or component is really within specs. "New" components can be mis-marked or defective (open or shorted) . So check them out first and you could save yourself some big time grief!

Sam Billingsley AE4GX Atlanta, GA

```
>>> snip >>>
> I just blew a tick keyer on one of my rigs (may have done more damage! I
> am not through with the diagnostics) by hooking up a recently delivered
> MCM Electronics 13.5 volt power supply.
>
> After the smoke cleared, I checked voltage. 19.8 volts!!!!
>
```

>>> snip >>>

Date: Tue, 3 Nov 1998 08:11:50 -0800
From: "Frank Grigaliunas" <fgrig@iea.com>
To: <fgrig@iea.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23975] Re: Dumb question # 43,294,163
Message-ID: <199811031612.IAA16615@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Boy, are you folks helpful! Rather than send individual thanks, I'll thank you all now.

I've never participated in a contest before, but I'm ready for this weekend.

--Frank, AB7YT (section EWA)

Frank and Karen Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iea.com -==*- (509) 326-7147 -==*- <http://www.iea.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people"

> From: Frank Grigaliunas <fgrig@iea.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Dumb question # 43,294,163
> Date: Tuesday, November 03, 1998 6:58 AM
>
> How do I know what my ARRL section is?
>
> Frank and Karen Grigaliunas, W. 1816 Dean, Spokane, WA 99201
> fgrig@iea.com -==*- (509) 326-7147 -==*- <http://www.iea.com/~fgrig/>
> "The Internet doesn't annoy people. People annoy people"

Date: Tue, 3 Nov 1998 08:36:50 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list" <qrp-l@Lehigh.edu>
Subject: [23976] Small world
Message-ID: <073e01be0748\$2e55d790\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

The November QST has a nice human-interest story on page 33 titled, "No Rig? Will Travel!" I started reading the article when it struck me -- I know this guy! It was nearly a year ago as I was testing out the new 40 meter antenna when I came across 3DA0CA calling CQ. I called and a very nice QSO developed. After a while I decided it was safe to mention that I was running 5 watts. He was running 100, so I suggested he lower his power to see how it would work. He turned it down to eight watts, which was as low as his rig would go, and we continued the QSO, albeit without 100% copy. We finished the QSO and agreed to meet later on 30 meters, where we repeated the QRP experiments.

Small world!

Mike K1MG

Date: Tue, 3 Nov 1998 12:00:08 -0500 (EST)
From: Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
To: qrp-l@lehigh.edu
Subject: [23977] Re: amateur radio
Message-ID: <Pine.SOL.3.92.981103111936.16648A-100000@madrox>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is it dumbing down, or is it just change, which has been denounced as dumbing down/corruption/going to hell in a handbasket throughout history.

I still insist the Golden Age is *now*, and is only just beginning. Fascinating technology is available, and is dirt cheap. The fact that it's not the technology of 1955 is irrelevant.

The fact that the interesting stuff is not related to amateur radio license exams is also irrelevant. If you're interested, you'll learn it anyway. If you're not, you won't.

Laura Halliday VA3LDH "Que les nuages soient notre

Grid: FN03gs pied a terre..."
 - Hospital/Shafte

Date: Tue, 03 Nov 1998 08:59:32 -0700
From: alan dawkins <alk0frp@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [23978] A-1 op is ???
Message-ID: <363F2864.361823F9@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Alright let me explain an ARRL A-1 op and pass info to the existing A-1 ops as well.

A-1 ops

First organized in May 1933, the ARRL A-1 Operator Club has a proud history and occupies an important place in Amateur Radio tradition. Communications Manager Ed Handy, W1BDI, announced its formation with these words in July 1933 QST:

Are you an A-1 Operator? Excellence in stations has often been emphasized. Yet, station performance, equipment, adjustment, etc., are but part of the story. The operation of the equipment, knowledge of procedure, and general communications technique are of very great importance in determining the results of any station. To bring attention to good operating as a paramount issue, and to give it something of the importance it deserves we are this month announcing in these columns the launching of a club for A-1 operators.

By early 1934, the roster of recognized A-1 operators had swelled to more than 400; by the end of 1938, to 1,000. Then, as now, nominations were not made lightly; through the years, recognition as an A-1 Operator has represented an unsolicited acknowledgment of one's high standing among one's peers.

Much is said about the handful of radio amateurs whose operating practices do not quite measure up. Not enough is said about those who, by contrast, lead by example - who set the standard for others to follow. Let us correct that now. Let us honor them as A-1 Operators and in so doing, honor the best in Amateur Radio. - David Sumner, K1ZZ

As a fellow QRP operator and a A-1 Operator I would like to see nominations by A-1 ops in the QRP community. Not just QRP-L member but fellow QRPers whom you feel qualifies as leader in good operating practice. Nominations must be made by a Two A-1 Ops. A sponsor and

co-sponsor. A list of A-1 ops is available on the web at:
www.arrl.org/awards/a1-op/roster

Among the A-1 ops are many whom you have heard

HP1AC

W4RNL

K2VCO

N2CQ

N4BP

W0AV

N2CX

W1JFI

AK7Y

W3KC EX (W8KUX)

W2GUM

myself K0FRP

These are just a few as I looked up after the last ARCI contest. PLUS
THOSE OF YOU WHO SENT E-MAILs

I have heard many operators who should be listed on that roster.

For those who are not yet nominated, strive to present yourself as a good
operator and the A-1 ops will listen. I would like to see many deserving
operators nominated.

I make a plea to all A1 ops to show appreciation to good operating
amateurs. You may want to nominate a QRO operator , hey no problem we
are all under the same license, just do it if you feel they are
deserving.

I recently passed e-mails to our Vice Dir W0CP (who nominated me)and he
said he would like to see a showing of new A-1 ops in the QRP community
which holds a vast group of good operators.

I know of at least 10 operators whom I feel should be nominated.

Strive to be the Best

AL K0FRP

Date: Tue, 3 Nov 1998 10:00:45 -0700

From: "Ron Smith" <resmith666@uswest.net>

To: <fgrig@iea.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [23979] Re: Dumb question # 43,294,163

Message-ID: <04f601be074b\$d8fc2f20\$99e46ccf@ron>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

And the answer was? Nice that there were so many answers NOT posted for the

rest of us idiots to read.

Ron Smith
KD7VD
Boise, Idaho

Date: Tue, 3 Nov 1998 09:21:42 -0800 (PST)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23980] Re:terminating Tayloe mixer
Message-ID: <Pine.LNX.3.96.981103092007.1721B-100000@amethyst.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 3 Nov 1998, Dan Tayloe-P26412 wrote:

> Darn! What is an experimenter to do without an iron?

That is a sorry excuse. EVERY ham experimenter knows the answer to this is simply some duct tape, a little red pocket knife, and some bubblegum. :)

For the more serious experimenters, a ballpoint pen from the U.S. Government is also a handy tool to have.

Hey, if MacGuyver could do it, so can you!
grin

=====

KC5TJA/6		- TEAM DOLPHIN -
DM13		Samuel A. Falvo II
QRP-L #1447		http://www.dolphin.openprojects.net
Oceanside, CA		

Date: Tue, 03 Nov 1998 11:22:50 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: bmug@gwl.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23981] Re: Antenna Help
Message-ID: <363F3BEA.F84F6022@swbell.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I would avoid placing that much sheet metal with questionable bonding of joints that close to an antenna - seems to me to be just begging for RFI. If you must go that way, plan on using many, many sheet metal screws to bond all the individual metal pieces together. Even then, you can expect some corrosion over the years to open the door again for potential RFI generation due to bad contacts.

I doubt very much that the building would serve very effectively in lieu of radials for your vertical. Lots of volume and surface area but probably rather small in terms of wavelength, at least for 40 and 80.

How about using a wooden structure with your vertical mounted on the roof and then use elevated tuned radials?

Good luck!

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Brad Mugleston wrote:

> Can I use the metal one for a ground plain if so how high should my antennas'
> base be above the peak of the roof? Or should I go for all wood and use
> counterpoise?

Date: Tue, 03 Nov 1998 12:33:08 EST
From: we6w@juno.com (Ed Loranger)
To: qrp-l@lehigh.edu
Subject: [23982] Resonant Speaker project and Patents.
Message-ID: <19981103.093304.4791.3.we6w@juno.com>

Hi gang. I've finished and labeled my patent drawings.
Getting close to moving this thing along the right trail.

I've got that patent book on the shelf somewhere but won't have time to look today. I'm stuck at HOME! Bummer. XYL's car has a gas leak -- on the bottom. So looks like I've gotta figure out a fix. The sheetmetal screw and rubber gasket temporary trick just made the hole bigger -- lots

of rust I guess.

Anyway, I think this speaker is unique and different. Hours searching ibm patent engine found nothing similar, or anything designed for narrow band audio speakers.

Until I find my Patent "Bible", if anyone has any tips to help me along so I can safely share my idea, that would be great.

Questions: Without a patent, how does non-disclosure agreements protect me? My dated drawings -- are they proof of Idea dates?

Someone else got my patent for the 75 Ohm slip on Rf connector with excellent TDR pulse response at the connection boundary, so I don't want to lose this one! And my software disclosure agreement with another company left me high and dry.

First priority is to fix the gas tank..... Funny how mundane the really important things come to be...

72/Ed and Thanks to any assistance sent my way.

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>

Enjoying Ham Radio every day! Santa Rosa, CA.

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 3 Nov 1998 09:45:37 -0800
From: "KE6VHM Frank" <ke6vhm@earthlink.net>
To: <lha@sdr.utias.utoronto.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [23983] Re: amateur radio
Message-ID: <002101be0751\$c6697ce0\$03000004@f>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Laura,

What you say makes so much sense. I like the fact that we don't have to use 1955 or earlier technology, but we can if we want to. It is real nice to carry your rig around with you, WITHOUT breaking your back. There are

those of us that got in the hobby late and are pursuing the learning with vigor. To the point of studying for an AS in Communication Electronics through a costly correspondence course. A friend of mine and I are doing just that. Who knows where this HOBBY can take you. It all depends what the INDIVIDUAL wants to put into it and get from it. Everyone has their own agenda and should not let anyone else tell them what direction it should take.

72 Laura es all de Frank KE6VHM

-----Original Message-----

From: Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, November 03, 1998 9:13 AM
Subject: Re: amateur radio

>
>Is it dumbing down, or is it just change, which has
>been denounced as dumbing down/corruption/going to
>hell in a handbasket throughout history.
>
>I still insist the Golden Age is *now*, and is only
>just beginning. Fascinating technology is available,
>and is dirt cheap. The fact that it's not the tech-
>nology of 1955 is irrelevant.
>
>The fact that the interesting stuff is not related
>to amateur radio license exams is also irrelevant.
>If you're interested, you'll learn it anyway. If
>you're not, you won't.
>
>Laura Halliday VA3LDH "Que les nuages soient notre
>Grid: FN03gs pied a terre..."
> - Hospital/Shafte
>
>

Date: Tue, 3 Nov 1998 13:16:19 EST
From: ARDUJENSKI@aol.com
To: qrp-l@Lehigh.EDU, nwq-l@scn.org
Subject: [23984] BAZOOKA QUESTIONS
Message-ID: <8566cb3d.363f4873@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Content-Transfer-Encoding: 7bit

I have heard many of you folks discuss the DOUBLE BAZOOKA> I have read the ARRL ANTENNA HANDBOOK, checked out Ed's (WE6W) site and looked at N7BIW's site and IAC Antennas and have a few questions. But first some notes:

The N7BIW uses all coax and at the shorting point shorts the shield to the center wire and at the ends also.

Ed's uses coax for the center portion and uses 300 ohm at the ends after the shorting point (as does IAC Antenna).

The Antenna Handbook uses just #14 wire on the ends after the shorting point. ALSO, the handbook calls for a matching balun or L-C match at the feed-antenna junction.

Based upon all info, the antenna is about 70 ohms and the feed coax is about 50-52.

QUESTION 1: Does one perform any better than the others?

QUESTION 2: Is the match necessary for optimum performance?

QUESTION 3: Does one coax perform better than another in this arrangement? (Assume feedline 60ft or less)

QUESTION 4: IAC ANTENNA notes the gain of 4.5dB using a phased array. Has anyone used the phased array with success?

Thanks in advance for your assistance...Alan KB7MBI

Date: Tue, 03 Nov 98 12:22:25 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [23985] No subject line posting
Message-ID: <199811031820.NAA48580@nss4.cc.Lehigh.EDU>

Gang,

I did not post the message that had no subject in the subject line. Honest.

The R/S meter had no error difference, but then again it was showing only 1/100 voltage increments, since it had only two decimal places to the right of the decimal point.

Interesting that the message got to the list. Hope it is not a sign of things to come, if you know what I mean.

dit dit

Other meters were off by 20mV that were low in their readings.

--

Chuck Adams K5FO adams@ticnet.com CP-60

<http://www.ticnet.com/k5fo>

Date: Tue, 3 Nov 1998 13:24:00 -0500
From: "KEITH P. JOHNSON" <KeithJ@1800surveys.com>
To: "'QRP-L@lehigh.edu'" <QRP-L@lehigh.edu>
Subject: [23986] Double Bazooka
Message-ID: <4FA0968CF63CD211BB4A00A0C9D616A11E3E33@MAIL>
MIME-Version: 1.0
Content-Type: text/plain

I built a double bazooka last weekend using coax for the feed and the inside section of the horizontal part. I used 300 ohm twin lead for the end sections.

I ended up removing it because it yielded a lot of static (it is broad banded). I put up a full 80 meter horizontal loop fed with 450 "window" wire and I am very pleased. I am going to be making a dedicated (one band) 40 meter loop fed with 75 ohm coax going to 50 ohm coax this weekend if time permits.

I think the "broadband" capability of the double bazooka is nice but I appreciate the low static on the horizontal loop far more.

Wondering if others had similar experience with the double bazooka.

Keith KB8FE

Date: Tue, 03 Nov 98 12:38:39 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-l@lehigh.edu>
Subject: [23987] SS QRPers
Message-ID: <199811031836.NAA21616@nss4.cc.Lehigh.EDU>

Gang,

I too want to encourage each and everyone of you to get on for SS.

1. If you are slow and can only do less than 25 wpm, then go high up in frequency and work your way down the band S&P for the slower stations or get a clear freq and call CQ SS.
2. Send in the log and if you are lucky/good and work more than 100 contacts,
called Qs by the contestors, then look up on the web page of the ARRL and order the SS pin for \$5. Money well spent. Get one each year and wear them right next to your Zombie badge.
3. If you are Novice, Tech+, or General and you get on for the test and do 8 or more hours, I'd bet you will be ready for the 13wpm or better code test and should take it from the VEs within 14 days before you lose all that speed you picked up during the test. You'll most likely being 20wpm or better.

I will be running against KU7Y again this year for a free meal for two. Which brings up the following. There is an article on page 41 of the November issue of WorldRadio about SS band chage rules. There is a limit of 6 band changes per hour for multiops, but I see no mention about single ops and multiradios. I was planning on using two this year, but may forgo that until I get clarification of the rules.....

Makes no diff, I can still beat Ron. :-) ;-)

Guess Jack, W5TFB, and I'll have to eat the Jalapenos as noone came forward to take us on. We go undefeated and may have to retire the challenge. :-)

dit dit

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Tue, 3 Nov 1998 13:50:19 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: "Richard E. Robinson" <rerobins@email.uncc.edu>
Cc: QRP List <qrp-l@lehigh.edu>
Subject: [23988] Re: N/T+ fox query

Message-ID: <Pine.OSF.3.95.981103134234.21280A-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 3 Nov 1998, Richard E. Robinson wrote:

> Since Brian, KB9BVN, is working 2 different times this week as the N/T+
> fox, will a contact with him at each time count as a seperate pelt?
> Inquiring and confused minds would like to know.

Doc, K0EVZ is running the NT Foxhunt.

Per the "rules" (and they are incredibly easy for the NT Foxhunt)...

The NT fox get one point for every QSO.

A HOUND may work the NT Foxii as often as they want, BUT the
hound will only get the two point bonus ONCE, for each NT fox
that they work.

S000ooo... if you work Brian on his first time, He gets a point,
and you'll get your two point bonus for working KB8BVN. Should
you work Brian on his second evening (or ANY other time he is on)
He will get one point, but you get NO EXTRA POINTS, just the
satisfaction of helping the NT fox improve their code!

Is that clear enough?

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Tue, 3 Nov 1998 11:52:22 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu, cqclist@mtechnologies.com
Subject: [23989] FOX: Notice for Thursday 11/5
Message-ID: <199811031849.LAA11409@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Content-Transfer-Encoding: 7BIT

Gang--

Obligatory 48hrs notice-- It's my turn in the barrel on Thursday, 11/6/98.

I'll be sneaking out of the den at 8pm MST and will be skulking around until 10pm. That's 0200-0400Z 11/7/98 for any of you who are local time impaired.

Most likely you'll find me around 7.038 but as we all know conditions and band activity may force me to find another spot.

I'll be running 5W to either a dipole or GAP Titan vertical, and will probably change back and forth. My reason for mentioning that is that if you have trouble getting me it might be easier later, on the other antenna. I'll use the RIT within a range of 1KHz or so, and outboard of the rig I'll have an OHR SCF-1 which can go down to 108Hz.

I used to shoot real foxes in Australia so I know all the tricks, like especially if I see a bright light near me, I know better to look than to look at it [g]. Anyhow, here are some tips:

Please don't ask me for repeats, especially my name. It's Marshall, and by saying that here maybe I can avoid having to send it two or three times Thursday!

Please send your call ONCE unless I ask for a repeat. If you send it repeatedly, don't be surprised if I come back and ask you to stand by for a few minutes. And if you can't copy me well enough to know what I am sending and to whom, please just wait-- don't try to guess. A couple of times a fox has asked me to repeat my callsign and first one, then a bunch of hounds have assumed that it was a CQ call!

Of course I suspect that those of you who are reading this are not the problem [g]

Good luck-- and catch me if you can!

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382
--

Date: Tue, 03 Nov 98 12:57:12 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [23990] ARRL Sections
Message-ID: <199811031855.NAA57176@nss4.cc.Lehigh.EDU>

Gang,

Here is the latest ARRL sections that you need for SS.
Hopefully everyone will use the correct abbreviations. The
contesters on the other end will let you know when you are
in error in a hurry. :-) Check to make sure your version of
contesting software has the complete list of 79 sections.

FYI

ARRL/CANADIAN SECTION ABBREVIATIONS

1		6	
Connecticut	CT	East Bay	EB
Eastern Massachusetts	EMA	Los Angeles	LAX
Maine	ME	Orange	ORG
New Hampshire	NH	Santa Barbara	SB
Rhode Island	RI	Santa Clara Valley	SCV
Vermont	VT	San Diego	SDG
Western Massachusetts	WMA	San Francisco	SF
2		San Joaquin Valley	SJV
		Sacramento Valley	SV
		Pacific	PAC
Eastern New York	ENY	7	
New York City-Long Island	NLI		
Northern New Jersey	NNJ		
Northern New York	NNY	Arizona	AZ

Southern New Jersey	SNJ	Eastern Washington	EWA	
Western New York	WNY	Idaho	ID	
+-----+		Montana	MT	
	3	Nevada	NV	
+-----+		Oregon	OR	
Delaware	DE	Utah	UT	
Eastern Pennsylvania	EPA	Western Washington	WWA	
Maryland-DC	MDC	Wyoming	WY	
Western Pennsylvania	WPA	Alaska	AK	
+-----+		+-----+		
	4		8	
+-----+		+-----+		
Alabama	AL	Michigan	MI	
Georgia	GA	Ohio	OH	
Kentucky	KY	West Virginia	WV	
North Carolina	NC	+-----+		
Northern Florida	NFL		9	
South Carolina	SC	+-----+		
Southern Florida	SFL	Illinois	IL	
Tennessee	TN	Indiana	IN	
Virginia	VA	Wisconsin	WI	
Puerto Rico	PR	+-----+		
Virgin Islands	VI		0	
+-----+		+-----+		
	5	Colorado	CO	
+-----+		Iowa	IA	
Arkansas	AR	Kansas	KS	
Louisiana	LA	Minnesota	MN	
Mississippi	MS	Missouri	MO	
New Mexico	NM	Nebraska	NE	
North Texas	NTX	North Dakota	ND	
Oklahoma	OK	South Dakota	SD	
South Texas	STX			
West Texas	WTX			
+-----+		+-----+		
+-----+				
	CANADA			
+-----+				
Maritime	MAR	Saskatchewan	SK	
Newfoundland/Labrador	NL	Alberta	AB	
Quebec	QC	British Columbia	BC	
Ontario	ON	Northwest Territories/Yukon	NWT	
Manitoba	MB			
+-----+				

--
Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Tue, 3 Nov 1998 14:03:50 -0500
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp1_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [23991] QRP MILES PER PEDAL POWER Award
Message-ID: <21E06269B00ED111BE9B00805F6D0FA3464379@mailserver1.usaninc.com>
MIME-Version: 1.0
Content-Type: text/plain

Does anyone know how much voltage and current one of the older style bicycle DC generators delivers under load? You know the little generators that are spring loaded and riding on the side of the tire and drive the front and back lights.

I have been thinking about using them to generate charging power for gell cells in a foot operated cranking mechanism. If any of you OLD TIMERS remember you mother or grandmothers manual (pedal driven) sewing machine. I visualize the bottom part of it with the little generators (I've sure it would take several to generate the proper voltage) operating against the BIG flywheel that is driven by a hinged rod connecting the pedal rocking mechanism to the flywheel. You could then operate the FOOT generator while sitting at an operating table.

My alternative drive mechanism would be an old exercise bicycle (stationary) with the little generators touching the flywheel. You could sit and pedal and have the operating surface attached to the handle bars.

I was also thinking about an old motorcycle alternator being belt driven by the flywheel action. If you can get the proper RPMs from the flywheel without too much trouble this would be a better mechanical/electrical solution. I don't have any info on this can anyone help?

In any of the above methods I think that a gell cell would be in position between the generator and rig to provide a smoother load source and a way for pre-charging the battery during non-operation periods.

I vaguely remember a TV news article years ago that had a father that had rigged up the TV to a bicycle type generator so the only time the kids could watch TV was if they were pedaling.

Hey...maybe this is a way to convince the wife that ham radio is actually healthy for you. I bet you could burn 500 or 600 calories per hour.

How about a QRP MILES PER PEDAL POWER award?

Sam Billingsley AE4GX Atlanta, GA

Date: Tue, 3 Nov 1998 19:00:07 -0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: "qrp-1" <qrp-1@lehigh.edu>, "gqrp-1" <gqrp-1@blacksheep.org>
Subject: [23992] FS: QRP etc
Message-ID: <005501be075c\$70bef120\$47ecb094@t7w6w7>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For Sale: Walford Electronics 'Taunton' transceiver, built from kit in a nice Maplin box, with digital readout. Uses plug in cards for band select, one or two bands selected by front panel switch. One card fitted for 40m and 20m. SSB 5 watts, with mic, manual.
Email if interested, open to offers (cost about 150 to build).

Timewave DSP filter DSP 9+, excellent for CW, SSB and data. Just plug into your 'phone socket and plug 'phones/speaker into the unit to improve almost any rig. Brilliant! With manual and as new. Price 85 UKP including postage (airmail extra). Offers? Exchange, WHY?

.....
Frank G3YCC
GQRP Club 042
(g3ycc@g3ycc.prestel.co.uk)
QRP Web Site: <http://www.homeusers.prestel.co.uk/g3ycc/index.html>

Date: Tue, 3 Nov 1998 14:15:13 -0500 (EST)
From: Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
To: qrp-1@lehigh.edu
Subject: [23993] Re: Beware MCM Electronics 13.5 volt DC power supply!
Message-ID: <Pine.SOL.3.92.981103141004.17300A-1000000@madrox>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sorry about your loss, but does it say it's a regulated supply? If not, the no-load voltage will be higher than the nominal output voltage. For example, I have an unregulated Radio Shack "12 volt" supply that produces 17 volts under light loads.

This can actually be handy, like my PIC programmer that needs 13.5 volts for Vpp...if I really want 12 volts I have a 7812 with clip leads, bypass capacitors and a little heat sink to add to the circuit.

Laura Halliday VA3LDH "Que les nuages soient notre
Grid: FN03gs pied a terre..."
 - Hospital/Shafte

Date: Tue, 03 Nov 1998 14:37:40 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-1@lehigh.edu
Cc: cw@qth.net
Subject: [23994] Te Ne Ke
Message-ID: <3.0.5.32.19981103143740.007e8180@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

wow! I had no idea there would be so much intrest. I hope I got everyone responded to taht wanted a key. If I have not or you would still like one, please send me a message specifying which key you would like. All the keys I have are spoken for as best I can tell. I am waiting for a couple of folks to let me know if they want the key I have on hand. In any case if you want a key you can contact Dennis directly or let me know what you want, where you want to have it shipped, and I'll let Dennis know. He or I will contact you with the place to send funds.
I am also waiting a message from Dennis as to how he wants to handle any overflow orders. Tnx for all the intrest. I was really surprised he sent them for me to try and to see if the club would be intrested. So, helping him by selling what he sent seemed like the right thing to do.

72/73 de Scott/n3byy

Date: Tue, 3 Nov 1998 15:02:43 -0500
From: notajock@juno.com
To: qrp-1@Lehigh.edu

Subject: [23995] Antennas and such
Message-ID: <19981103.150244.-253797.0.notajock@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all

First, non qrp thing. If there are any Hallicrafter collectors out there, I have an HT32B/ It's an 85 pound boat anchor. \$100. plus shipping; Second, Upinions please as which is better on 10M, a dipole or a vertical J?

And does anyone have the dimensions for the J.

Bob WA9LSD
Ft Myers Fl

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 3 Nov 1998 15:00:11 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: "LIQRP" <liqrp@waterw.com>, "NJ-QRP" <njqrp@njqrp.org>
Subject: [23996] Simple Dupesheet for ARRS SS
Message-ID: <199811032001.PAA33610@pimout1-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

FYI I made up a simple Lotus 1-2-3 spreadsheet dupesheet with all sections listed at the bottom. If you want the file let me know and I'll send as an attachment to you directly.

Prints one page legal letter format.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Tue, 3 Nov 1998 14:01:32 -0600
From: applitech@mcg.net (Claton Cadmus)
To: "QRP-1" <qrp-1@lehigh.edu>, <SBillingsley@usaninc.com>
Subject: [23997] Re: QRP MILES PER PEDAL POWER Award
Message-ID: <02db01be0768\$0cd918a0\$a10a5e2c@groucho>

|My alternative drive mechanism would be an old exercise bicycle
|(stationary) with the little generators touching the flywheel. You could
sit
|and pedal and have the operating surface attached to the handle bars.

This can actually be used with a belt and an automobile alternator or
generator(if you can still find one). You might need some additional gears
or belt to get the right alternator speed. You can produce about 1/5
horsepower or more continuous on a bike getting a decent workout. This
would charge a 12 volt battery at almost 10 amps after losses! You could
charge up a gelcell for QRP real easy and quick. You won't need to pedal
all the time, just every day or so for 1/2 hour to an hour. Amazing ain't
it!

This isn't that "Rube Goldberg" either. (Boy am I dating myself there!)
Many of the higher end stationary bikes use generators and loads to control
the pedaling effort.

hope this helps.

73 de KA0GKC Claton Cadmus
cla@mcg.net
MNQRP #1
Minnesota QRP'ers we're looking for you!
Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Tue, 03 Nov 1998 15:29:31 -0500
From: Ed Tanton <n4xy@att.net>
To: ARDUJENSKI@aol.com
Cc: antennas@qth.net
Subject: [23998] Re: BAZOOKA QUESTIONS
Message-ID: <3.0.5.32.19981103152931.00c89100@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Alan... I have used bazookas off and on for years. They offer several good qualities, one of which is supposed to be incr. bandwidth. I have never thought much of that claim. Some "improvement" yes. But not a HUGE amount.

What they DO offer is three particularly good points: they are at DC ground, so they are VERY quiet antennas; and 2) they do not seem to mind one bit being strung through trees and brush; and 3) they have (by my observations and those of others) an apparently high(er) angle of radiation, and thereby do very well for nearby stations (several states in radius around your own.)

I have almost always used RG-58 for them, but think RG-8X would also be fine. I have always used ALL-coax antennas, and have tried both other styles. I have applied FULL power on 75M SSB to the RG-58 version with no ill affects or problems. The all-coax version is easier-it seems to me-in several area to build, and works as well or better. I have ALWAYS used a Bencher no-ferrite/air-wound balun because the feed is balanced, and the Bencher has no ferrite to saturate (if they DO ever saturate-but that's another subject) and is at DC ground.

Anecdotal information is that I ran a late SUN afternoon SSB MARS net for 5 years just above 4.0 MHz. I often had checkins from as far away as MS, TN, and the Carolinas. The net started just early enough that in the summertime the band was a raw buzz when opened. Yet usually, I could copy the fringe stations when no one else on the net could. Switching to a G5RV I could hear nothing-switching back to the bazooka there they were-often plainly discernable with only the bazooka when purely not there on the G5RV. Yet the same G5RV provided excellent results into Europe and JA on 40M & 80M CW.

So, bazookas may or may not be good DX antennas (why not suspend one vertically? I have always wanted to... just never have) but they are great "local" antennas, and if mounted as an inv. vee might do well for DX instead. I have a drawing I made years ago, of a design by Lucky, WA4EZN (who I believe is now deceased) I would be happy to send you. I owe Jim, W7LS one, and have been meaning to send it for ages!!! So one more won't matter. Send me your address and I'll send you one too.

73

Ed Tanton N4XY EMAIL: n4xy@att.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

INTERESTS: QRP BoatAnchors Test Equipment Photography
CW: 99.9% Mercury Paddle # 0214 QRP to 150W: 95%

"Think you can, think you can't: either way you're right!" Henry Ford

~~~~~  
-----  
Date: Tue, 3 Nov 1998 15:25:48 -0500  
From: "Kevin F. Glynn" <kfglynn@prodigy.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Cc: "LIQRP" <liqrp@waterw.com>, "NJ-QRP" <njqrp@njqrp.org>  
Subject: [23999] Re: Simple Dupesheet for ARRS SS  
Message-ID: <199811032026.PAA49444@pimout1-int.prodigy.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi gang,

Sorry, but I meant portrait format, legal paper. My brain knew what it meant, but the fingers typed something else!

> FYI I made up a simple Lotus 1-2-3 spreadsheet dupesheet with all  
sections  
> listed at the bottom. If you want the file let me know and I'll send as  
an  
> attachment to you directly.  
>  
> Prints one page legal letter format.

72 Kevin N2T0  
Brooklyn, NYC  
kfglynn@prodigy.net

-----  
Date: Tue, 3 Nov 1998 15:38:30 -0500  
From: "Jim Fielden" <fielden@utkux.utcc.utk.edu>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [24000] ET-QRP Meeting  
Message-ID: <01be0769\$ea95d100\$9612a980@galaxian>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello East Tennessee QRP'ers. It's about time for the first every Get

together. This is to be an informal gathering of food, fun, technical show, handshaking and all that fun stuff.

We are meeting This Saturday at Ryans Steak House on 213 Cedar Lane, just off of 75 North at the Merchants Road exit. Coming north on 75 turn right, go through the red light about a block up on the left. Coming South turn left, two red (they could be green or yellow) lights about a block up on the left.

Meeting time is set for 12:00 noon, I will be there at 11:00 or so to make sure we get a good place to meet and eat. There is to be no formal program, no set time to leave, and fun fun fun...

I hope everyone can make it, and make sure to bring along something to show off. Bring that old Transmitter that works every so well on 20, or that DC Receiver that screams at you when you turn it up. Bring anything, something you built, something you bought, some neat QRP book that you may like to show off.

Check my homepage <http://www.qsl.net/ku4qw/> for more information.. Go to the ET-QRP Link.

Thanks and looking forward to seeing you there.

72           \*           Jim, KU4QW   - QRP-L # 1481   - G-QRP # 10117  
fielden@utkux.utcc.utk.edu   - FISTS # 5380   - QRP ARCI # 9789  
<http://www.qsl.net/ku4qw/>       - No-SSB International (tm) # 1,000,014

-----  
Date: Tue, 3 Nov 1998 14:49:57 -0500  
From: W5TB <w5tb@SoftHome.net>  
To: qrp-l@Lehigh.EDU  
Subject: [24001] Sweepstakes Rules, Logsheets, and Entry Forms  
Message-ID: <v04011706b2650e8a7a0a@[10.4.13.93]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

FYI -- these are at: <http://www.arrl.org/contests/forms/>

Good luck to all!

73 T.E. 'Doc' Drake W5TB

Arlington, TX       w5tb@softhome.net   <http://www.qsl.net/w5tb/>  
QRPARCI # 3252   NORCAL #1002   QRP-L #673   FISTS # 5365



ARRL Life Member

-----  
Date: Tue, 03 Nov 1998 15:58:29 -0500  
From: "Ed Hare, W1RFI" <ehare@arrl.org>  
To: qrp-1@lehigh.edu  
Subject: [24002] Re: SS QRPers  
Message-ID: <363F6E75.5F87@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Chuck Adams wrote:

> 2. Send in the log and if you are lucky/good and work more than 100  
> contacts, called Qs by the contestors, then look up on the web page of the  
> ARRL and order the SS pin for \$5. Money well spent. Get one each  
> year and wear them right next to your Zombie badge.

Send in the log if you work 1 station! Let's make sure the ARRL knows  
that QRPers are serious about QRP rules for contests! :-)

73, Ed Hare, W1RFI  
ARRL Lab

-----  
Date: Tue, 03 Nov 1998 13:12:56 -0800  
From: Vic Rosenthal <rakefet@rakefet.com>  
To: n4xy@att.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [24003] Re: BAZOOKA QUESTIONS  
Message-ID: <363F71D8.E77CDC43@rakefet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Ed Tanton wrote:

>  
> 3) they have (by my  
> observations and those of others) an apparently high(er) angle of  
> radiation, and thereby do very well for nearby stations (several states in  
> radius around your own.)

Ed,

Can you (or anyone) suggest a theoretical basis for this?

Vic, K2VCO  
Fresno CA

-----  
Date: Tue, 3 Nov 1998 13:11:53 -0800 (PST)  
From: =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@rocketmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [24004] First REAL DX while QRP/M  
Message-ID: <19981103211153.14512.rocketmail@web1.rocketmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Had another 6 hr round-trip commute to work yesterday (and today). While on the way home last evening, I tuned the ol' OHR-100 down to 40m DX-land. Heard a pile-up on a DA0RP. I'm not one to chase DX, but thought, what the hey, and threw out my "KB0VCC/M" on the next go-round. First try, and "Peter" responded with KB /M /M GA. I called him back and he gave me a 579! I didn't have the heart to tell him that I was also QRP. He was "NR FRANKFORT", and I, North of Boston, (NR Andover?) MA, on I-495, clipping along with traffic.

I've worked many VE1/3 stations since I've been doing this QRP/M thing, but for me, this is my first REAL /M DX. So, any of you DX'rs know where I can find the Buro address for this guy? I want to get some special /M QSLs printed and he'll probably get the first.

72,  
-Dale

P.S. Added my unused SGC ANC-4 Noise Cancellor to my "mobile ham shack". WOW! What an improvement! Totally wipes out the vehicle's on-board computer's hash. Now, if only I could filter out all that Canadian QRO SSB that seems to be taking over the band... :-(

=====

Dale Anderson  
KB0VCC

In the Mt Washington Valley  
Conway, New Hampshire

QRP-L #91 / CQC #251      Grid Sq: FN43KX  
ARS #234 / FISTS #3172    <http://www.qsl.net/kb0vcc>  
=====

-----  
DO YOU YAHOO!?  
Get your free @yahoo.com address at <http://mail.yahoo.com>

-----  
Date: Tue, 03 Nov 1998 15:33:56 -0600  
From: Bill Schiller <[schiller@cherokee.nsuok.edu](mailto:schiller@cherokee.nsuok.edu)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [24005] Re: Dumb question # 43,294,163  
Message-ID: <363F76C4.FF1EE2FE@cherokee.nsuok.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I'd like to add another "dumb question" Where does one get a list of CQ zones so it is possible to participate in their WW DX contests? I've emailed the magazine twice with this question but they don't answer.  
Bill KJ5CI

-----  
Date: Tue, 3 Nov 1998 13:47:23 -0800  
From: [ki6ds@dpol.k12.ca.us](mailto:ki6ds@dpol.k12.ca.us) (Hendricks, Doug)  
To: <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [24006] Bay Area dinner with Ken Evans W4DU  
Message-ID: <01be0773\$8a7e0260\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Ken Evans, W4DU, from Georgia will be in the Bay area for a couple of days and would like to meet area qrpers. We are meeting at St. John's Bar and Grill off Lawrence Expressway Wednesday evening, Nov. 4. It is just around

the corner from HRO. We'll meet at 6:30. Hope to see you there. Let me know if you can make it. Can someone check and see if Dave Maliak is still in town and let him know? Thanks, Doug, KI6DS

-----  
Date: Tue, 3 Nov 1998 16:58:02 EST  
From: Elekktron1@aol.com  
To: resmith666@uswest.net, qrp-1@Lehigh.EDU  
Subject: [24007] Re: Dumb question # 43,294,163  
Message-ID: <1f60a677.363f7c6a@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Do not be troubled, my young ones...here are the answers you seek:  
Go to <http://www.arrl.org/contests.abv.html> ...Read, Mark, Learn...de  
KK5WL...

-----  
Date: Tue, 3 Nov 1998 14:10:05 -0800  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>  
Subject: [24008] Pacificon Compendium and Pictures  
Message-ID: <01be0776\$b6b98720\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Guys, there have been a couple of postings about the NorCal Pacificon compendiums and NorCal meeting reports. The reason that the query was met with silence is that both Jerry and I have been buried with work and family responsibilities that we have to take care of. Nothing wrong, just normal stuff for both of us. I will try to explain about both.

First the compendiums:

There are no more available, they were only printed in a limited number as per an agreement with the authors, and all of the material in it is copyrighted. That means you can't make copies without permission. I know that I can't stop anyone from making a couple of copies, but think about what you are doing. If you do this, then guys will stop letting the club journals and qrp clubs have their material for free, and I don't blame them.

There was a tremendous amount of effort involved by the authors and I made an agreement with them that only 225 would be printed. 200 went to attendees, the extra copies went to the authors and a couple will be given away as prizes. None of the authors asked for pay, and they were all glad to submit. I am obligated to honor my part of the agreement. Please don't come on the qrp-l and ask someone to scan or copy a page of copyrighted material. It might not seem to matter, but it does.

Several of the articles will be reprinted in QRPP. None will be put on a web page until after publication, and then only with permission from the respective authors. The six meter articles will be reprinted that you are asking about, but you will have to wait for QRPP to come out.

Also, Jerry Parker took over a hundred photos of Pacificon, but he has other responsibilities, and ham radio is his hobby. He has not had time to come up for air after Pacificon, in fact, he had to leave at 1:00 AM on Sunday morning to get back home to go to work. He will get the photos on the web page, but it will not happen until he gets time.

I am not trying to admonish anyone, just explain what is going on. Jerry and I are both, very, very busy. Please bear with us. Thanks for your patience and support, it is appreciated.72, Doug, KI6DS

-----  
Date: Tue, 3 Nov 1998 14:19:09 -0800  
From: "Bill Todd" <bill@willapabay.org>  
To: <nwq-l@scn.org>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [24009] Avil for QSO 28.060?  
Message-ID: <001101be0777\$fc45fb60\$2e4ffbce@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello folks -

Ten meters sounds pretty good today - how about a QRP QSO?

It is presently 22:18 UTC (Tuesday - US), and I will calling and listening on 28.060.  
for the next few hours.

Any takers?  
CUL, Bill-N7MFB

<http://www.willapabay.org/~bill>  
ICQ me @ 8926298

-----  
Date: Tue, 03 Nov 1998 14:23:47 -0800  
From: Grant Taylor <k7gt@qsl.net>  
To: qrp-1@lehigh.edu  
Subject: [24010] Confession of a copier  
Message-ID: <363F8273.5658@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I confess... I made one set of the AD6AY presentation on the NC20 from the Pacificon Compendium and sent it to another NC20 purchaser (future event: builder) without asking permission from Dave. Bad boy, bad boy. I just got so excited about the rig and its potential that I let myself get carried away... Sorry gang, it won't happen again...

--  
Grant K7GT Pleasanton CA k7gt@qsl.net <http://www.qsl.net/k7gt>

-----  
Date: Tue, 3 Nov 1998 17:34:20 -0500 (EST)  
From: "walter.b.thomas.1@pop300.gsfc.nasa.gov" <wthomas@pop300.gsfc.nasa.gov>  
To: qrp-1@lehigh.edu  
Subject: [24011] FS QRP Stuff: HW-9, NorCal Paddle, Freq. Ctr., etc.  
Message-ID: <v03007800b25f53e4a104@[128.183.210.205]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Clean-up - time to find homes for a rig and other stuff not being used or unbuilt:

1. HW-9, incl. WARC bands and matching PSA-9 power supply  
PLUS KB1MJ crystal filter mod kit (not installed), manuals,  
large fold-out schematic and complete instructions  
for filter mod kit. Tuning capacitor has been reworked  
to eliminate dial slip (shields ARE in place).  
(Shipped Insured) \$325.00
2. NorCal Paddle kit, "wide-spaced," unbuilt. \$35.00
3. A&A Engr.#492-165 4-Digit freq. counter, 1-40 MHz range,  
100 Hz resolution. Working when removed from case.

Includes PWB (5.8 x 11.4 cm) with externally-mounted  
frequency (MHz/kHz) switch, instructions, schematic  
and spare LED display. \$25.00

4. W1FB/FAR Crystal Evaluator Board, stuffed & soldered with  
all board-mounted components except T1, T2, R32.  
(Copy of article available upon request.) \$7.00
5. New (not pull-out) LM373 AM-CW/SSB IF chip.  
If you know what this is and can use it, send a  
SASE padded mailing envelop and it's yours! <----  
[Let me know by email first, so we don't have  
five different envelopes wanting one device!]
6. FAR NN1G transceiver two-board set, new unused.  
[ARCI QQ Oct '94 or ARRL '95 Handbook, can supply  
article if needed.] \$7.00  
Also, set of (8) 10 MHz crystals for above \$2.00
7. FAR two-sided PWB, new, for W7EL Directional Wattmeter,  
{QST, Feb 1991, can supply article if needed} \$4.00
8. Meters:
  - a. Heathkit 2 3/8 sq x 1 1/2 in. D \$4.50  
Scales marked: 0-5, 0-10 DCV/mA  
infinity (20K) -> 0 Ohms
  - b. ModuTec 400 uA, Face 2 1/4 x 7/8 in. \$2.50  
marked 0 - 100, meter overall 2 1/2 x  
1 3/4 x 15/16 in. D.
  - c. SWR meter, plastic, Face 1 3/4 x 1 in. \$4.50  
Marked: SWR: 1 - inf., % Ref., Power 0-10 (f.s.)  
meter overall 1 3/4 sq. x 1 in D.
  - d. (3) Edge meters w/ lamp for internal \$1.50 ea.  
lighting Face 7/16 x 1 3/8 in., overall 3/\$4.00  
x 1 1/4 in. D, Scales 1-9, 30 dB (upper);  
0-5 (bottom).

All above INCLUDES SHIPPING for CONUS;  
outside CONUS shipping at cost.

Walt Thomas K3ASW (ex-WA4KAC) Laurel, MD





Date: Tue, 3 Nov 1998 17:43:43 -0500 (EST)  
From: Bruce Muscolino <w6toy@erols.com>  
To: QRP-L@LEHIGH.EDU  
Subject: [24013] Dumb Questions  
Message-ID: <2.2.16.19981103173324.329f9c96@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Guys,

At the risk of sounding self-important I have to comment on the issue of DUMB QUESTIONS. While I do believe there are no DUMB QUESTIONS, I also believe you should make an effort to find the answer to them before you ask the group. Recently we have had questions on ARRL sections and CQ Zones. Are they DUMB?

Yes and no. They are dumb because the information required is in the public domain and available via email! They are not dumb because the readers want the information, in fact need some of it before the weekend to enter a contest.

What to do with them? Well, a question like ARRL sections begs the user look up the ARRL web site ([www.arrl.org](http://www.arrl.org)) and ask it there if it is not already available. A question about the CQ zones can be answered by CQ magazine or, in their absence of a web page, it can be found in the Callbook!

I suggest users think about what questions they ask FIRST! It will help them and reduce the load on the rest of us. I do know that not everybody has an extensive library these days, but it seems to me that QST and CQ, along with 73 should be mandatory reading for all!

73

-----  
Date: Tue, 3 Nov 1998 16:54:07 -0600 (CST)  
From: ac5ez@webtv.net (Larry B)  
To: qrp-l@Lehigh.EDU  
Subject: [24014] Re: Dumb Questions  
Message-ID: <4324-363F898F-1206@mailtod-121.bryant.webtv.net>  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)  
Content-Transfer-Encoding: 7Bit

I agree with what Bruce said but I differ on is idea that we all should read 73 (ugh) Cq and qst. Each should read what what he can afford and

what he can stand :-).  
Its different when your retired.  
K1ZW

-----  
Date: Tue, 03 Nov 1998 14:57:42 -0800  
From: Grant Taylor <k7gt@qsl.net>  
To: qrp-1@lehigh.edu, w6toy@erols.com  
Subject: [24015] Re: Dumb Questions  
Message-ID: <363F8A66.401@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I disagree as to what a standard set of magazines is... I have extensive QSTs but won't allow CQ in the house. Cost also keeps 73 from my collection. I do have QEX, though, acquired from an amateur that moved to the other coast.

I agree that the poster in question should have checked out the arrl web page...

As I happen to NOT have a callbook at hand anymore, the CQ zones are not readily available to me and the same is likely true for many on the list.

Don't think you should have been as hard on the poor fella. Surely you have asked something of a co-worker or even a superior and, afterwards, hit yourself in the forehead saying... I knew that... or I shudda ... !

I would prefer his DUMB questions to bandwidth for criticism of them. Actually it is kinda refreshing to see someone who is still in a learning mode and doesn't already have all the answers...

K7GT

--

Grant K7GT Pleasanton CA k7gt@qsl.net <http://www.qsl.net/k7gt>

-----  
Date: Tue, 03 Nov 1998 18:06:09 -0500  
From: Ed Johanson <snooker@naples.net>  
To: qrp-1@Lehigh.EDU  
Subject: [24016] swamped in florida  
Message-ID: <363F8C61.1283@naples.net>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Help,

I'm getting 50-100 messages a day on qrp-l and think it is great BUT can anyone tell me how to use "filters" to restrict the subjects that I download? Tnx

Ed  
w2wmn

-----  
Date: Tue, 03 Nov 1998 23:11:13 GMT  
From: mwattcpa@earthlink.net (Marty Watt)  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [24017] Re: Dumb Questions  
Message-ID: <363f8cac.65258923@mail.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

I agree that it is invigorating to see folks who don't have all the = answers.

What I suggest is people with potentially "dumb" questions as "where can = I find ..." rather than "what is ..."

I don't keep any ham mags. Too much space for one who doesn't have the = space.

I do read QST, because I get it with membership. CQ doesn't have a significant web presence, which is sad ... I'd actually like to see CQ = Contest on the web at a minimum.

The web is my primary information gathering tool. If it ain't there, I generally don't find it ...

--

72 es 73 de Marty, KM7W

-----  
Memphis, Tennessee <http://home.earthlink.net/~mwattcpa>  
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM55

-----  
Date: Tue, 3 Nov 1998 16:18:54 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-l@lehigh.edu, cqclist@mtechnologies.com  
Subject: [24018] Fox Clarifications for Thursday  
Message-ID: <199811032315.QAA20980@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Sorry about the confusion, but I guess when I put in my proposed time I had forgotten about the time change. I very definitely will be on from 8pm to 10pm MST, so the zulu times I mentioned before were incorrect by an hour.

Also I am off on a business trip Friday morning so may not be able to post any results until I get back Monday or Tuesday. I'll be on the road a large part of that time and you might hear me around 14.061 during the day, or later on 10.116 or 7.042.

73  
Marshall Emm  
N1FN/VK5FN  
n1fn@MorseX.com  
Morse Express  
"Everything for the Morse Enthusiast"  
<http://www.MorseX.com>  
(303)752-3382  
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-----  
Date: Tue, 03 Nov 1998 15:25:16 -0800  
From: Terry Conboy <terry.conboy@airtouch.com>  
To: qrp-l@lehigh.edu  
Subject: [24019] Re: Dumb question # 43,294,163  
Message-ID: <4.1.19981103152300.009f96f0@mailhost.tnc.airtouch.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 04:58 PM 11/3/98 -0500, KK5WL wrote:  
>Do not be troubled, my young ones...here are the answers you seek:

>Go to <http://www.arrl.org/contests.abv.html> ...Read, Mark, Learn...de

I think this is at <http://www.arrl.org/contests/sections.abv.html>

72, Terry

--

Terry Conboy <http://www.qsl.net/n6ry> Tel: +1-925-210-3475  
N6RY CM97aw [terry.conboy@airtouch.com](mailto:terry.conboy@airtouch.com) Fax: +1-925-210-3469

-----  
Date: Tue, 3 Nov 1998 18:27:10 EST  
From: Zenith9zn@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [24020] Another N/T+ Fox Loose  
Message-ID: <e51307bd.363f914e@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello all, I will be operating on the following days: 11/7/98 from 0400 UTC to 0600 UTC on 7105 kHz +/- (11/6/98 2100 MST to 2300 MST) and on 11/8/98 from 0500 UTC to 0700 UTC on 7110 kHz +/- (11/7/98 2200 MST to 0000 MST). This is my first fox session, so please be patient, I can copy around 5 WPM. I am running a recently constructed Ten Tec 1340 at 4 watts into a small loop antenna in the attic. I am working on a dipole, but do not know if it will be ready in time. I will call: CQ FOX CQ FOX DE KB4UTV KB4UTV K. I will answer with UR CALL RST XXX AZ AZ JOHN JOHN 1758 1758 KN. Please answer close to same format. I will end with: QSL TNX UR CALL DE KB4UTV. Thanks and look forward to working everyone. John KB4UTV Gilbert, Az

-----  
Date: Tue, 03 Nov 1998 15:33:26 PST  
From: wa4dou@mailexcite.com  
To: w6toy@erols.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [24021] Re: Dumb Questions  
Message-ID: <910136006.13904.497@mailexcite.com>  
MIME-Version: 1.0  
Content-Type: text/plain

Hi Bruce,

I'm with you all the way on this one buddy!

Its the difference between giving a guy a fish and teaching him to fish.

73 Roy WA4DOU

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Get your free, private e-mail at <http://mail.excite.com/>  
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Date: Tue, 3 Nov 1998 18:55:52 -0500 (EST)  
From: James Skalski <jskalski@buffnet.net>  
To: qrp-l@Lehigh.EDU  
Subject: [24022] SL-600 series ssb xcvr?  
Message-ID:  
<Pine.LNX.4.03.9811031851580.1560-100000@valhalla.valhalla.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone have information on a project by G3ZVC that was called the  
SL-600 series SSB transceiver? I am looking for a schematic or a copy of  
the article. I have the pcboard and would like to figure it out. All of  
the wierd IC's are on the board already :-)

I hope this isn't a dumb question <G>

73,

Jim(N2GO)

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End of QRP-L Digest 1265

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